## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| 42.4 | | | 47.9 | 46.0 | 46.4 | No linear change | Not available[§] | No change |

QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

| 23.8 | | | 20.8 | 15.2 | 19.0 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) | | | | | | | | |
| | | | 6.5 | 4.9 | 5.2 | No linear change | Not available[§] | No change |
| QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) | | | | | | | | |
| | | | 55.2 | 48.7 | 45.3 | Decreased, 2017-2021 | Not available | No change |
| QN12: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 4.5 | | | 4.2 | 3.8 | 3.8 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Injury and Violence**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)

| | | | 4.6 | 4.6 | 2.5 | No linear change | Not available[§] | Decreased |
|---|---|---|---|---|---|---|---|---|

QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)

| 4.0 | | | 6.9 | 6.7 | 8.3 | Increased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)

| 6.3 | | | 8.2 | 7.3 | 7.0 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24.4 | | | 19.7 | 16.8 | 17.1 | Decreased, 2011-2021 | Not available[§] | No change |

QN17: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 9.6 | | | 7.4 | 7.6 | 6.7 | Decreased, 2011-2021 | Not available | No change |

QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 6.9 | | | 11.4 | 9.9 | 9.0 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 11.7 | 10.2 | 12.0 | No linear change | Not available[§] | No change |

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 8.4 | 5.7 | 10.0 | No linear change | Not available | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Injury and Violence**

| **Health Risk Behavior and Percentages** | | | | | | **Linear Change**[*] | **Quadratic Change**[*] | **Change from 2019-2021** [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 8.4 | 6.0 | 7.9 | No linear change | Not available[§] | No change |

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 22.5 | | | 23.3 | 23.0 | 19.6 | No linear change | Not available | No change |

QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 16.8 | | | 18.0 | 18.6 | 18.8 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) | | | | | | | | |
| 22.8 | | | 29.2 | 33.3 | 39.1 | Increased, 2011-2021 | Not available[§] | Increased |
| QN26: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey) | | | | | | | | |
| 14.6 | | | 20.2 | 20.0 | 22.6 | Increased, 2011-2021 | Not available | No change |
| QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) | | | | | | | | |
| 11.5 | | | 13.5 | 14.9 | 16.5 | Increased, 2011-2021 | Not available | No change |
| QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey) | | | | | | | | |
| 6.0 | | | 9.2 | 9.7 | 10.2 | Increased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Injury and Violence**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 1.9 | | | 3.4 | 4.5 | 2.9 | No linear change | Not available[§] | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Tobacco Use**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)

| 39.1 | | | 29.1 | 25.0 | 17.4 | Decreased, 2011-2021 | Not available[§] | Decreased |

QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)

| | | | 8.6 | 7.2 | 6.6 | No linear change | Not available | No change |

QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)

| 18.1 | | | 9.9 | 6.7 | 4.1 | Decreased, 2011-2021 | Not available | Decreased |

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)

| 6.8 | | | 2.9 | 1.6 | 1.0 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available[§] | ** |
| QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu]) | | | | | | | | |
| | | | 36.3 | 47.5 | 34.8 | No linear change | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey) | | | | | | | | |
| | | | 9.0 | 20.1 | 16.4 | Increased, 2017-2021 | Not available[§] | No change |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | | | | | | | | |
| | | | 1.5 | 8.2 | 5.9 | Increased, 2017-2021 | Not available | No change |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | | | | | | | | |
| | | | 0.9 | 6.4 | 4.9 | Increased, 2017-2021 | Not available | No change |
| 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) | | | | | | | | |
| | | | 13.6 | 20.3 | 16.3 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN37:  Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| | | | 6.2 | 4.9 | 2.3 | Decreased, 2017-2021 | Not available[§] | Decreased |
| QNFRSKL:  Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available | ** |
| QNDAYSKL:  Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 12.8 | | | 7.3 | 4.4 | 2.4 | Decreased, 2011-2021 | Not available[§] | Decreased |
| 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) | | | | | | | | |
| | | | 16.5 | 20.8 | 16.2 | No linear change | Not available | No change |
| QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 22.0 | | | 11.6 | 7.8 | 4.6 | Decreased, 2011-2021 | Not available[§] | Decreased |

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 † |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips) | | | | | | | | |
| 15.7 | | | 14.7 | 15.0 | 13.8 | No linear change | Not available§ | No change |
| QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 37.1 | | | 27.6 | 25.6 | 21.9 | Decreased, 2011-2021 | Not available | No change |
| QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| | | | 13.4 | 11.2 | 9.7 | No linear change | Not available | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
†Based on t-test analysis, p < 0.05.
§Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey) | | | | | | | | |
| | | | | 2.4 | 2.8 | No linear change | Not available[§] | No change |
| QN44: Percentage of students who usually got the alcohol they drank by someone giving it to them (during the 30 days before the survey, among students who currently drank alcohol) | | | | | | | | |
| 42.2 | | | 42.9 | 42.8 | 39.5 | No linear change | Not available | No change |
| QN45: Percentage of students who ever used marijuana (one or more times during their life) | | | | | | | | |
| 27.8 | | | 26.5 | 27.3 | 21.4 | No linear change | Not available | No change |
| QN46: Percentage of students who tried marijuana for the first time before age 13 years | | | | | | | | |
| 4.4 | | | 5.1 | 3.8 | 3.7 | No linear change | Not available | No change |

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[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 † |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) | | | | | | | | |
| 14.6 | | | 13.2 | 14.9 | 12.1 | No linear change | Not available§ | No change |
| QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life) | | | | | | | | |
| | | | 5.1 | 5.2 | 5.2 | No linear change | Not available | No change |
| QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life) | | | | | | | | |
| | | | 12.6 | 11.6 | 9.3 | Decreased, 2017-2021 | Not available | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Sexual Behaviors**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN57: Percentage of students who ever had sexual intercourse

| 43.9 | | | 43.1 | 37.4 | 29.3 | Decreased, 2011-2021 | Not available[§] | Decreased |

QN58: Percentage of students who had sexual intercourse for the first time before age 13 years

| 4.2 | | | 2.4 | 3.1 | 1.9 | Decreased, 2011-2021 | Not available | No change |

QN59: Percentage of students who had sexual intercourse with four or more persons during their life

| 13.1 | | | 8.5 | 8.3 | 6.4 | Decreased, 2011-2021 | Not available | No change |

QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)

| 33.0 | | | 32.7 | 26.0 | 20.8 | Decreased, 2011-2021 | Not available | No change |

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[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Sexual Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active) | | | | | | | | |
| 18.0 | | | 17.7 | 16.3 | 19.5 | No linear change | Not available[§] | No change |
| QN62: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active) | | | | | | | | |
| 61.4 | | | 52.8 | 54.9 | 48.1 | Decreased, 2011-2021 | Not available | No change |
| QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) | | | | | | | | |
| | | | 11.0 | 9.3 | 5.4 | Decreased, 2017-2021 | Not available | Decreased |
| QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey) | | | | | | | | |
| | | | | 8.8 | 4.3 | Decreased, 2019-2021 | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

| 14.5 | | | 16.0 | 15.9 | 16.0 | No linear change | Not available[¶] | No change |

QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

| 13.2 | | | 15.3 | 17.0 | 15.8 | No linear change | Not available | No change |

QN68: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)

| 21.2 | | | 31.4 | 34.9 | 34.6 | Increased, 2011-2021 | Not available | No change |

QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)

| 9.2 | | | 12.4 | 12.0 | 11.6 | Increased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QNFR0:  Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| 4.7 | | | 7.5 | 7.1 | 6.3 | No linear change | Not available[§] | No change |
| QNFR1:  Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| 63.9 | | | 58.1 | 55.4 | 53.2 | Decreased, 2011-2021 | Not available | No change |
| QNFR2:  Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| 30.9 | | | 26.4 | 24.6 | 25.0 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN70: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey) | | | | | | | | |
| 37.9 | | | 44.0 | 44.8 | 45.0 | Increased, 2011-2021 | Not available[§] | No change |
| QN71: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) | | | | | | | | |
| 24.6 | | | 30.8 | 35.9 | 38.7 | Increased, 2011-2021 | Not available | No change |
| QN72: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey) | | | | | | | | |
| 49.1 | | | 52.8 | 50.7 | 51.8 | No linear change | Not available | No change |
| QN73: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey) | | | | | | | | |
| 15.0 | | | 20.9 | 21.6 | 21.2 | Increased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021[†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNVEG0:  Percentage of students who did not eat vegetables (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 4.6 | | | 8.3 | 8.0 | 8.3 | Increased, 2011-2021 | Not available[§] | No change |

QNVEG1:  Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 64.9 | | | 56.3 | 56.9 | 55.9 | Decreased, 2011-2021 | Not available | No change |

QNVEG2:  Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 27.7 | | | 21.9 | 23.9 | 20.6 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNVEG3:  Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 13.2 | | | 10.0 | 11.7 | 10.9 | No linear change | Not available[§] | No change |

QN74:  Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, one or more times during the 7 days before the survey)

| 19.7 | | | 25.9 | 28.0 | 28.8 | Increased, 2011-2021 | Not available | No change |

QNSODA1:  Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| 28.1 | | | 18.5 | 17.6 | 17.8 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNSODA2:  Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 18.2 | | | 10.7 | 10.7 | 10.6 | Decreased, 2011-2021 | Not available[§] | No change |

QN75:  Percentage of students who did not drink milk (during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 20.2 | 23.2 | 27.8 | Increased, 2017-2021 | Not available | Increased |

QNMILK1:  Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 40.6 | 35.3 | 30.7 | Decreased, 2017-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| | | | 14.4 | 11.3 | 8.6 | Decreased, 2017-2021 | Not available[§] | No change |

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | | | 16.4 | 15.9 | 19.1 | No linear change | Not available | No change |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | | | 29.7 | 29.7 | 28.0 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Physical Activity**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 † |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN77: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | | | | | | | | |
| 51.5 | | | 49.2 | 48.4 | 51.2 | No linear change | Not available§ | No change |
| QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | | | | | | | | |
| 9.0 | | | 11.2 | 13.3 | 13.3 | Increased, 2011-2021 | Not available | No change |
| 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) | | | | | | | | |
| 29.1 | | | 29.4 | 25.7 | 29.2 | No linear change | Not available | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total
Physical Activity**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | | | | | | | | |
| 70.8 | | | 61.7 | 76.1 | 59.1 | No linear change | Not available[§] | Decreased |
| QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) | | | | | | | | |
| 22.6 | | | 16.4 | 12.1 | 25.0 | No linear change | Not available | No change |
| QN80: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey) | | | | | | | | |
| 64.1 | | | 61.0 | 61.4 | 56.9 | Decreased, 2011-2021 | Not available | No change |
| QN81: 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) | | | | | | | | |
| | | | 16.2 | 13.6 | 12.9 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Total**
**Other**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) | | | | | | | | |
| | | | 78.5 | 79.8 | 78.0 | No linear change | Not available[§] | No change |
| QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available | ** |
| QN86: Percentage of students who got 8 or more hours of sleep (on an average school night) | | | | | | | | |
| | | | 22.9 | 24.7 | 27.4 | Increased, 2017-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Total Site-Added**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN99: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)

| | | | | 32.2 | 45.4 | Increased, 2019-2021 | Not available[§] | Increased |

QN100: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)

| | | | | 12.3 | 10.6 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN8:  Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 46.6 | | | 49.1 | 44.3 | 46.3 | No linear change | Not available[§] | No change |

QN9:  Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 24.7 | | | 19.0 | 15.4 | 19.5 | Decreased, 2011-2021 | Not available | No change |

QN10:  Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 7.7 | 5.3 | 7.5 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) | | | | | | | | |
| | | | 53.8 | 49.1 | 43.7 | Decreased, 2017-2021 | Not available[§] | No change |
| QN12: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 6.6 | | | 5.7 | 5.4 | 5.7 | No linear change | Not available | No change |
| QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey) | | | | | | | | |
| | | | 6.6 | 7.0 | 3.9 | No linear change | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN14:  Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)

| 4.2 | | | 5.8 | 5.7 | 6.6 | No linear change | Not available[§] | No change |

QN15:  Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)

| 8.2 | | | 9.5 | 8.1 | 8.3 | No linear change | Not available | No change |

QN16:  Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)

| 31.7 | | | 24.5 | 22.2 | 23.2 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN17: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey) | | | | | | | | |
| 12.7 | | | 9.2 | 10.1 | 10.2 | Decreased, 2011-2021 | Not available[§] | No change |
| QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to) | | | | | | | | |
| 3.8 | | | 6.8 | 6.8 | 3.5 | No linear change | Not available | Decreased |
| QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey) | | | | | | | | |
| | | | 5.3 | 6.3 | 6.8 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | 1.6 | 2.7 | 4.8 | Increased, 2017-2021 | Not available[§] | Increased |

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | 7.4 | 4.3 | 5.4 | No linear change | Not available | No change |

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

| 18.6 | | | 23.3 | 19.7 | 16.2 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)

| 10.2 | | | 13.8 | 12.0 | 12.3 | No linear change | Not available[§] | No change |

QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

| 17.5 | | | 18.8 | 23.5 | 27.5 | Increased, 2011-2021 | Not available | No change |

QN26: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)

| 11.8 | | | 15.5 | 13.4 | 14.8 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 9.2 | | | 10.8 | 10.5 | 11.4 | No linear change | Not available[§] | No change |

QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 4.1 | | | 8.5 | 7.7 | 6.3 | No linear change | Not available | No change |

QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 1.8 | | | 3.7 | 3.9 | 1.7 | No linear change | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs) | | | | | | | | |
| 41.3 | | | 28.6 | 24.8 | 18.7 | Decreased, 2011-2021 | Not available[§] | No change |
| QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs) | | | | | | | | |
| | | | 9.3 | 7.8 | 7.7 | No linear change | Not available | No change |
| QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 18.2 | | | 8.4 | 7.5 | 5.6 | Decreased, 2011-2021 | Not available | No change |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) | | | | | | | | |
| 8.5 | | | 2.8 | 2.3 | 1.9 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available[§] | ** |
| QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu]) | | | | | | | | |
| | | | 38.6 | 47.0 | 30.7 | No linear change | Not available | Decreased |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| | | | 9.4 | 21.9 | 14.1 | No linear change | Not available[§] | Decreased |

QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)

| | | | 2.0 | 9.1 | 5.4 | Increased, 2017-2021 | Not available | Decreased |

QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)

| | | | 1.5 | 6.8 | 4.1 | Increased, 2017-2021 | Not available | No change |

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)

| | | | 11.9 | 21.9 | 14.1 | No linear change | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN37:  Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 9.1 | 7.4 | 3.7 | Decreased, 2017-2021 | Not available[§] | Decreased |

QNFRSKL:  Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

QNDAYSKL:  Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.                    41

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 17.2 | | | 8.5 | 5.8 | 3.9 | Decreased, 2011-2021 | Not available[§] | No change |
| 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) | | | | | | | | |
| | | | 16.2 | 22.4 | 14.0 | No linear change | Not available | Decreased |
| QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

# Iowa High School Survey

## 10-year Trend Analysis Report

**Male**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNTB2:  Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change* | Quadratic Change* | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 24.2 | | | 10.8 | 8.9 | 6.3 | Decreased, 2011-2021 | Not available[§] | No change |

QNDAYCGR:  Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change* | Quadratic Change* | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available | ** |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 18.4 | | | 17.2 | 16.2 | 15.2 | No linear change | Not available[§] | No change |

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 38.2 | | | 22.9 | 25.5 | 18.7 | Decreased, 2011-2021 | Not available | Decreased |

QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| | | | 12.4 | 12.2 | 9.4 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey) | | | | | | | | |
| | | | | 3.1 | 4.0 | No linear change | Not available[§] | No change |
| QN44: Percentage of students who usually got the alcohol they drank by someone giving it to them (during the 30 days before the survey, among students who currently drank alcohol) | | | | | | | | |
| 35.3 | | | 35.1 | 35.7 | 27.7 | No linear change | Not available | No change |
| QN45: Percentage of students who ever used marijuana (one or more times during their life) | | | | | | | | |
| 30.5 | | | 25.3 | 25.1 | 18.7 | Decreased, 2011-2021 | Not available | No change |
| QN46: Percentage of students who tried marijuana for the first time before age 13 years | | | | | | | | |
| 6.0 | | | 5.3 | 4.2 | 4.0 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) | | | | | | | | |
| 17.9 | | | 12.0 | 15.6 | 12.3 | No linear change | Not available[§] | No change |
| QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life) | | | | | | | | |
| | | | 5.2 | 5.2 | 5.5 | No linear change | Not available | No change |
| QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life) | | | | | | | | |
| | | | 13.2 | 9.7 | 8.5 | Decreased, 2017-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

# Iowa High School Survey
## 10-year Trend Analysis Report

**Male**
**Sexual Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN57: Percentage of students who ever had sexual intercourse | | | | | | | | |
| 44.3 | | | 40.2 | 37.9 | 26.7 | Decreased, 2011-2021 | Not available[§] | Decreased |
| QN58: Percentage of students who had sexual intercourse for the first time before age 13 years | | | | | | | | |
| 5.6 | | | 2.2 | 3.3 | 2.7 | Decreased, 2011-2021 | Not available | No change |
| QN59: Percentage of students who had sexual intercourse with four or more persons during their life | | | | | | | | |
| 13.1 | | | 7.4 | 8.0 | 6.5 | Decreased, 2011-2021 | Not available | No change |
| QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) | | | | | | | | |
| 31.7 | | | 28.3 | 25.8 | 18.2 | Decreased, 2011-2021 | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Sexual Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active) | | | | | | | | |
| 21.3 | | | 17.6 | 17.7 | 20.3 | No linear change | Not available[§] | No change |
| QN62: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active) | | | | | | | | |
| 66.7 | | | 57.4 | 65.5 | 48.5 | Decreased, 2011-2021 | Not available | Decreased |
| QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) | | | | | | | | |
| | | | 11.0 | 9.9 | 4.9 | Decreased, 2017-2021 | Not available | Decreased |
| QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey) | | | | | | | | |
| | | | | 8.4 | 2.7 | Decreased, 2019-2021 | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Weight Management and Dietary Behaviors**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

| 14.5 | | | 15.0 | 14.3 | 16.2 | No linear change | Not available[¶] | No change |

QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

| 16.2 | | | 18.8 | 19.2 | 19.7 | No linear change | Not available | No change |

QN68: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)

| 20.3 | | | 28.8 | 31.0 | 32.9 | Increased, 2011-2021 | Not available | No change |

QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)

| 10.1 | | | 14.1 | 12.8 | 11.6 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 6.5 | | | 7.4 | 8.8 | 6.4 | No linear change | Not available[§] | No change |

QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 65.5 | | | 56.7 | 56.5 | 56.8 | Decreased, 2011-2021 | Not available | No change |

QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 32.6 | | | 27.1 | 25.3 | 26.7 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN70: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)

| 41.4 | | | 47.7 | 50.6 | 48.9 | Increased, 2011-2021 | Not available[§] | No change |

QN71: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)

| 23.0 | | | 31.1 | 33.3 | 34.9 | Increased, 2011-2021 | Not available | No change |

QN72: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)

| 49.9 | | | 50.9 | 50.6 | 50.1 | No linear change | Not available | No change |

QN73: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)

| 18.0 | | | 21.0 | 22.7 | 21.5 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Weight Management and Dietary Behaviors**

| | | Health Risk Behavior and Percentages | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 † |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 6.4 | | | 8.4 | 9.0 | 9.8 | No linear change | Not available§ | No change |

QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 66.5 | | | 57.5 | 58.2 | 58.4 | Decreased, 2011-2021 | Not available | No change |

QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 28.9 | | | 25.8 | 25.5 | 23.6 | Decreased, 2011-2021 | Not available | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) | | | | | | | | |
| 15.6 | | | 11.9 | 12.7 | 13.5 | No linear change | Not available[§] | No change |
| QN74: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, one or more times during the 7 days before the survey) | | | | | | | | |
| 17.2 | | | 21.7 | 25.6 | 25.6 | Increased, 2011-2021 | Not available | No change |
| QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) | | | | | | | | |
| 34.8 | | | 21.3 | 22.0 | 24.0 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Weight Management and Dietary Behaviors**

| | Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

**QNSODA2:** Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 23.6 | | | 12.8 | 13.6 | 15.0 | Decreased, 2011-2021 | Not available[§] | No change |

**QN75:** Percentage of students who did not drink milk (during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 16.0 | 17.0 | 19.6 | No linear change | Not available | No change |

**QNMILK1:** Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 51.0 | 44.0 | 42.1 | Decreased, 2017-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 20.4 | 17.5 | 14.1 | Decreased, 2017-2021 | Not available[§] | No change |

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 17.8 | 14.9 | 16.5 | No linear change | Not available | No change |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 32.6 | 33.4 | 33.6 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Physical Activity**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN77: 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) | | | | | | | | |
| 60.6 | | | 57.2 | 54.6 | 59.8 | No linear change | Not available[§] | No change |
| 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) | | | | | | | | |
| 7.4 | | | 9.9 | 12.8 | 12.2 | No linear change | Not available | No change |
| 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) | | | | | | | | |
| 37.7 | | | 37.4 | 33.1 | 39.7 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Physical Activity**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72.2 | | | 67.0 | 79.3 | 63.9 | No linear change | Not available[§] | Decreased |

QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24.2 | | | 20.7 | 12.5 | 28.3 | No linear change | Not available | Increased |

QN80: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 68.1 | | | 63.4 | 62.8 | 58.7 | Decreased, 2011-2021 | Not available | No change |

QN81: 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)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 19.3 | 17.7 | 14.9 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Other**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

| | | | 79.3 | 78.8 | 77.3 | No linear change | Not available[§] | No change |

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)

| | | | ** | ** | ** | ** | Not available | ** |

QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)

| | | | 24.2 | 24.0 | 30.1 | No linear change | Not available | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Male**
**Site-Added**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021[†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN99: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)

| | | | | 2019 | 2021 | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 25.4 | 32.5 | No linear change | Not available[§] | Increased |

QN100: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)

| | | | | 2019 | 2021 | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 11.6 | 7.6 | Decreased, 2019-2021 | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 † |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 37.7 | | | 46.6 | 47.6 | 46.4 | Increased, 2011-2021 | Not available§ | No change |

QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 22.8 | | | 21.9 | 14.8 | 18.6 | Decreased, 2011-2021 | Not available | No change |

QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | ** | ** | ** | ** | ** | Not available | ** |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) | | | | | | | | |
| | | | 56.0 | 48.3 | 47.0 | No linear change | Not available[§] | No change |
| QN12: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 1.8 | | | 1.8 | 2.1 | 1.9 | No linear change | Not available | No change |
| QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 3.5 | | | 7.6 | 7.5 | 9.9 | Increased, 2011-2021 | Not available[§] | No change |
| QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) | | | | | | | | |
| 3.9 | | | 6.3 | 6.0 | 6.0 | Increased, 2011-2021 | Not available | No change |
| QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey) | | | | | | | | |
| 16.6 | | | 14.1 | 10.8 | 11.7 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN17: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 6.2 | | | 5.0 | 4.5 | 3.6 | Decreased, 2011-2021 | Not available[§] | No change |

QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10.0 | | | 16.0 | 12.8 | 14.1 | Increased, 2011-2021 | Not available | No change |

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 18.2 | 14.2 | 17.1 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | 14.6 | 8.9 | 15.0 | No linear change | Not available[§] | Increased |
|---|---|---|---|---|---|---|---|---|

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | 9.1 | 7.7 | 10.1 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

| 26.4 | | | 22.9 | 26.4 | 22.8 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Injury and Violence**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN24:  Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)

| 23.5 | | | 22.0 | 25.3 | 24.9 | No linear change | Not available[§] | No change |
|---|---|---|---|---|---|---|---|---|

QN25:  Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

| 28.3 | | | 39.7 | 43.5 | 49.5 | Increased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN26:  Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)

| 17.6 | | | 24.8 | 26.5 | 29.5 | Increased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021[†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)

| 13.8 | | | 15.7 | 19.4 | 20.6 | Increased, 2011-2021 | Not available[§] | No change |

QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)

| 7.7 | | | 9.6 | 11.7 | 13.3 | Increased, 2011-2021 | Not available | No change |

QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)

| 2.0 | | | 2.7 | 5.1 | 3.7 | Increased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Tobacco Use**

| | | Health Risk Behavior and Percentages | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs) | | | | | | | | |
| 36.6 | | | 29.2 | 25.2 | 16.0 | Decreased, 2011-2021 | Not available[§] | Decreased |
| QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs) | | | | | | | | |
| | | | 7.3 | 6.6 | 5.2 | No linear change | Not available | No change |
| QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 18.1 | | | 11.1 | 5.8 | 2.5 | Decreased, 2011-2021 | Not available | Decreased |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) | | | | | | | | |
| 5.0 | | | 2.5 | 0.8 | 0.0 | Not available | Not available | Not available |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 4.0 | | | 1.2 | 0.8 | 0.0 | Not available | Not available[§] | Not available |

QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| | | | 33.4 | 48.0 | 38.3 | No linear change | Not available | Decreased |

QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| | | | 8.2 | 18.0 | 18.2 | Increased, 2017-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | | | | | | | | |
| | | | 0.6 | 7.1 | 6.2 | Increased, 2017-2021 | Not available[§] | No change |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | | | | | | | | |
| | | | 0.0 | 5.8 | 5.4 | Increased, 2017-2021 | Not available | No change |
| 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) | | | | | | | | |
| | | | 15.0 | 18.6 | 18.1 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN37: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available[§] | ** |

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 0.8 | 0.4 | 0.0 | Not available | Not available | Not available |

QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 0.7 | 0.4 | 0.0 | Not available | Not available | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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# Iowa High School Survey
## 10-year Trend Analysis Report

**Female**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN38:  Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)

| ** | | | ** | ** | ** | ** | Not available[§] | ** |
|---|---|---|---|---|---|---|---|---|

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)

| | | | 16.7 | 19.2 | 18.1 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QNFRCGR:  Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)

| 0.4 | | | 0.8 | 0.5 | 0.0 | Not available | Not available | Not available |
|---|---|---|---|---|---|---|---|---|

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Tobacco Use**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 19.6 | | | 12.2 | 6.6 | 2.8 | Decreased, 2011-2021 | Not available[§] | Decreased |

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 0.2 | | | 0.2 | 0.5 | 0.0 | Not available | Not available | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN40:  Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

| 12.7 | | | 12.0 | 13.6 | 12.5 | No linear change | Not available[§] | No change |
|---|---|---|---|---|---|---|---|---|

QN41:  Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

| 35.8 | | | 32.1 | 26.0 | 24.8 | Decreased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN42:  Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey)

| | | | 14.5 | 10.2 | 10.1 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey) | | | | | | | | |
| | | | | ** | ** | ** | Not available[§] | ** |
| QN44: Percentage of students who usually got the alcohol they drank by someone giving it to them (during the 30 days before the survey, among students who currently drank alcohol) | | | | | | | | |
| 50.0 | | | 48.4 | 50.1 | 47.9 | No linear change | Not available | No change |
| QN45: Percentage of students who ever used marijuana (one or more times during their life) | | | | | | | | |
| 24.8 | | | 27.3 | 29.6 | 23.7 | No linear change | Not available | No change |
| QN46: Percentage of students who tried marijuana for the first time before age 13 years | | | | | | | | |
| 2.6 | | | 4.5 | 3.2 | 3.1 | No linear change | Not available | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 11.2 | | | 14.0 | 14.2 | 11.7 | No linear change | Not available[§] | No change |

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 4.5 | 5.0 | 4.8 | No linear change | Not available | No change |

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 11.5 | 13.5 | 9.8 | No linear change | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Sexual Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN57: Percentage of students who ever had sexual intercourse

| 43.5 | | | 45.7 | 36.7 | 31.6 | Decreased, 2011-2021 | Not available[§] | No change |

QN58: Percentage of students who had sexual intercourse for the first time before age 13 years

| 2.5 | | | 2.1 | 2.8 | 1.3 | No linear change | Not available | No change |

QN59: Percentage of students who had sexual intercourse with four or more persons during their life

| 13.1 | | | 9.3 | 8.5 | 6.1 | Decreased, 2011-2021 | Not available | No change |

QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)

| 34.3 | | | 36.7 | 26.1 | 23.1 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Sexual Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active) | | | | | | | | |
| 14.8 | | | 17.3 | 15.0 | 18.1 | No linear change | Not available[§] | No change |
| QN62: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active) | | | | | | | | |
| 56.2 | | | 49.5 | 44.2 | 48.3 | No linear change | Not available | No change |
| QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) | | | | | | | | |
| | | | 10.5 | 8.2 | 5.8 | Decreased, 2017-2021 | Not available | No change |
| QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey) | | | | | | | | |
| | | | | 8.7 | 5.8 | No linear change | Not available | Decreased |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 14.5 | | | 17.0 | 17.7 | 15.8 | No linear change | Not available[¶] | No change |

QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 10.1 | | | 11.8 | 14.7 | 12.1 | No linear change | Not available | No change |

QN68: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 22.0 | | | 34.3 | 38.8 | 36.3 | Increased, 2011-2021 | Not available | No change |

QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 8.0 | | | 10.4 | 10.8 | 11.6 | Increased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 2.8 | | | 7.5 | 5.1 | 6.1 | Increased, 2011-2021 | Not available[§] | No change |

QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 62.4 | | | 59.5 | 54.3 | 49.7 | Decreased, 2011-2021 | Not available | No change |

QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 29.1 | | | 25.5 | 23.7 | 23.2 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Weight Management and Dietary Behaviors**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN70: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.3 | | | 40.0 | 38.5 | 41.5 | Increased, 2011-2021 | Not available[§] | No change |

QN71: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 26.2 | | | 30.4 | 38.6 | 42.1 | Increased, 2011-2021 | Not available | No change |

QN72: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 48.2 | | | 54.9 | 50.9 | 53.1 | No linear change | Not available | No change |

QN73: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 11.7 | | | 20.5 | 20.3 | 20.6 | Increased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) | | | | | | | | |
| 2.7 | | | 7.8 | 6.8 | 6.7 | Increased, 2011-2021 | Not available[§] | No change |
| QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) | | | | | | | | |
| 63.0 | | | 54.9 | 55.3 | 53.9 | Decreased, 2011-2021 | Not available | No change |
| QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) | | | | | | | | |
| 26.4 | | | 17.7 | 21.9 | 17.8 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNVEG3:  Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 10.8 | | | 7.9 | 9.9 | 8.4 | No linear change | Not available[§] | No change |

QN74:  Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, one or more times during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 22.2 | | | 30.3 | 30.2 | 31.9 | Increased, 2011-2021 | Not available | No change |

QNSODA1:  Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 21.2 | | | 15.4 | 12.7 | 12.0 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNSODA2:  Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| 12.4 | | | 8.5 | 7.4 | 6.8 | Decreased, 2011-2021 | Not available[§] | No change |
|---|---|---|---|---|---|---|---|---|

QN75:  Percentage of students who did not drink milk (during the 7 days before the survey)

| | | | 24.3 | 29.7 | 35.1 | Increased, 2017-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QNMILK1:  Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| | | | 29.8 | 26.1 | 20.3 | Decreased, 2017-2021 | Not available | Decreased |
|---|---|---|---|---|---|---|---|---|

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey) | | | | | | | | |
| | | | 7.9 | 4.6 | 3.7 | Decreased, 2017-2021 | Not available[§] | No change |
| QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey) | | | | | | | | |
| | | | 14.4 | 16.5 | 21.3 | Increased, 2017-2021 | Not available | No change |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) | | | | | | | | |
| | | | 26.7 | 26.1 | 22.9 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Physical Activity**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN77: 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)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change |
|---|---|---|---|---|---|---|---|---|
| 41.9 | | | 41.4 | 42.3 | 43.4 | No linear change | Not available[§] | No change |

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)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change |
|---|---|---|---|---|---|---|---|---|
| 10.5 | | | 12.2 | 13.5 | 14.1 | No linear change | Not available | No change |

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)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change |
|---|---|---|---|---|---|---|---|---|
| 19.9 | | | 21.3 | 18.2 | 19.9 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Physical Activity**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 † |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | | | | | | | | |
| 69.3 | | | 56.4 | 72.7 | 54.7 | No linear change | Not available§ | No change |
| QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) | | | | | | | | |
| 20.9 | | | 12.1 | 11.5 | 21.8 | No linear change | Not available | No change |
| QN80: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey) | | | | | | | | |
| 60.0 | | | 58.5 | 60.2 | 55.6 | No linear change | Not available | No change |
| QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) | | | | | | | | |
| | | | 12.5 | 9.4 | 11.1 | No linear change | Not available | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Other**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) | | | | | | | | |
| | | | 77.9 | 81.1 | 78.6 | No linear change | Not available[§] | No change |
| QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available | ** |
| QN86: Percentage of students who got 8 or more hours of sleep (on an average school night) | | | | | | | | |
| | | | 21.6 | 25.3 | 24.9 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Female**
**Site-Added**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN99: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)

| | | | | 39.1 | 56.5 | Increased, 2019-2021 | Not available[§] | Increased |

QN100: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)

| | | | | 12.9 | 13.5 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| 40.7 | | | 47.2 | 44.5 | 44.6 | No linear change | Not available[¶] | No change |

QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

| 22.4 | | | 21.0 | 15.1 | 18.4 | Decreased, 2011-2021 | Not available | No change |

QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

| | | | 6.1 | 4.1 | 5.1 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) | | | | | | | | |
| | | | 56.5 | 49.7 | 46.9 | Decreased, 2017-2021 | Not available[¶] | No change |
| QN12: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 3.7 | | | 3.5 | 3.7 | 3.5 | No linear change | Not available | No change |
| QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey) | | | | | | | | |
| | | | 3.8 | 4.3 | 2.3 | No linear change | Not available | Decreased |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 3.2 | | | 5.8 | 6.3 | 6.6 | Increased, 2011-2021 | Not available[¶] | No change |

QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 5.3 | | | 7.4 | 6.4 | 6.2 | No linear change | Not available | No change |

QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 21.8 | | | 19.2 | 15.5 | 14.2 | Decreased, 2011-2021 | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN17: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)

| 8.3 | | | 6.5 | 5.9 | 5.2 | Decreased, 2011-2021 | Not available[¶] | No change |

QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)

| 5.3 | | | 10.7 | 8.8 | 8.9 | Increased, 2011-2021 | Not available | No change |

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

| | | | 11.5 | 9.4 | 11.7 | No linear change | Not available | No change |

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*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Injury and Violence**

| | | **Health Risk Behavior and Percentages** | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | 8.2 | 4.9 | 9.6 | No linear change | Not available[¶] | Increased |
|---|---|---|---|---|---|---|---|---|

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | 7.0 | 5.0 | 7.2 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

| 22.1 | | | 24.3 | 22.8 | 20.7 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change |
|---|---|---|---|---|---|---|---|---|
| 16.5 | | | 18.7 | 18.4 | 18.6 | No linear change | Not available[¶] | No change |

QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change |
|---|---|---|---|---|---|---|---|---|
| 21.4 | | | 29.1 | 31.3 | 36.5 | Increased, 2011-2021 | Not available | No change |

QN26: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change |
|---|---|---|---|---|---|---|---|---|
| 13.7 | | | 20.4 | 18.9 | 21.6 | Increased, 2011-2021 | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

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**White***
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10.9 | | | 12.5 | 14.2 | 15.4 | Increased, 2011-2021 | Not available[¶] | No change |

QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5.0 | | | 7.3 | 9.2 | 8.3 | Increased, 2011-2021 | Not available | No change |

QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available | ** |

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*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Tobacco Use**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)

| 36.8 | | | 28.8 | 24.6 | 15.3 | Decreased, 2011-2021 | Not available[¶] | Decreased |

QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)

| | | | 7.8 | 6.8 | 5.9 | No linear change | Not available | No change |

QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)

| 18.0 | | | 9.9 | 7.1 | 3.7 | Decreased, 2011-2021 | Not available | Decreased |

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)

| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Tobacco Use**

| | **Health Risk Behavior and Percentages** | | | | | **Linear Change[†]** | **Quadratic Change[†]** | **Change from 2019-2021 [§]** |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available[¶] | ** |
| QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days they smoked during the 30 days before the survey, among students who currently smoked cigarettes) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu]) | | | | | | | | |
| | | | 36.1 | 46.7 | 32.9 | No linear change | Not available | Decreased |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Tobacco Use**

| **Health Risk Behavior and Percentages** | | | | | | **Linear Change[†]** | **Quadratic Change[†]** | **Change from 2019-2021 [§]** |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey) | | | | | | | | |
| | | | 9.7 | 21.0 | 14.8 | No linear change | Not available[¶] | Decreased |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | | | | | | | | |
| | | | 1.4 | 8.9 | 6.5 | Increased, 2017-2021 | Not available | No change |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | | | | | | | | |
| | | | 1.0 | 6.8 | 5.2 | Increased, 2017-2021 | Not available | No change |
| 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) | | | | | | | | |
| | | | 14.1 | 21.5 | 14.8 | No linear change | Not available | Decreased |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Tobacco Use**

| | | **Health Risk Behavior and Percentages** | | | | **Linear Change[†]** | **Quadratic Change[†]** | **Change from 2019-2021 [§]** |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN37: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | 6.6 | 4.8 | 2.3 | Decreased, 2017-2021 | Not available[¶] | Decreased |
|---|---|---|---|---|---|---|---|---|

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | ** | ** | ** | ** | Not available | ** |
|---|---|---|---|---|---|---|---|---|

QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

| | | | ** | ** | ** | ** | Not available | ** |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Tobacco Use**

| | | **Health Risk Behavior and Percentages** | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)

| ** | | | ** | ** | ** | ** | Not available[¶] | ** |
|---|---|---|---|---|---|---|---|---|

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)

| | | | 17.5 | 22.0 | 14.8 | No linear change | Not available | Decreased |
|---|---|---|---|---|---|---|---|---|

QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)

| ** | | | ** | ** | ** | ** | Not available | ** |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Tobacco Use**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 21.9 | | | 11.9 | 7.9 | 4.2 | Decreased, 2011-2021 | Not available[¶] | Decreased |
| QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Alcohol and Other Drug Use**

| **Health Risk Behavior and Percentages** | | | | | | **Linear Change†** | **Quadratic Change†** | **Change from 2019-2021 §** |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips) | | | | | | | | |
| 14.2 | | | 15.0 | 13.8 | 13.3 | No linear change | Not available¶ | No change |
| QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| 36.1 | | | 29.7 | 27.2 | 23.0 | Decreased, 2011-2021 | Not available | No change |
| QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| | | | 15.5 | 11.8 | 11.1 | No linear change | Not available | No change |

*Non-Hispanic.
†Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
§Based on t-test analysis, $p < 0.05$.
¶Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Alcohol and Other Drug Use**

| | | Health Risk Behavior and Percentages | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)

| | | | | ** | ** | ** | Not available[¶] | ** |
|---|---|---|---|---|---|---|---|---|

QN44: Percentage of students who usually got the alcohol they drank by someone giving it to them (during the 30 days before the survey, among students who currently drank alcohol)

| 42.5 | | | 44.6 | 45.1 | 40.2 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN45: Percentage of students who ever used marijuana (one or more times during their life)

| 24.7 | | | 24.9 | 25.1 | 19.9 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN46: Percentage of students who tried marijuana for the first time before age 13 years

| 3.2 | | | 4.2 | 3.4 | 3.3 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Alcohol and Other Drug Use**

| | | **Health Risk Behavior and Percentages** | | | | **Linear Change[†]** | **Quadratic Change[†]** | **Change from 2019-2021 [§]** |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

| 13.0 | | | 12.3 | 13.3 | 10.4 | No linear change | Not available[¶] | No change |

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

| | | | 4.0 | 4.6 | 5.1 | No linear change | Not available | No change |

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

| | | | 12.7 | 10.3 | 8.3 | Decreased, 2017-2021 | Not available | No change |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Sexual Behaviors**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN57: Percentage of students who ever had sexual intercourse

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 42.9 | | | 43.7 | 37.0 | 29.1 | Decreased, 2011-2021 | Not available[¶] | No change |

QN58: Percentage of students who had sexual intercourse for the first time before age 13 years

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 3.3 | | | 1.5 | 2.8 | 1.3 | Decreased, 2011-2021 | Not available | No change |

QN59: Percentage of students who had sexual intercourse with four or more persons during their life

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 12.2 | | | 8.1 | 7.9 | 6.0 | Decreased, 2011-2021 | Not available | No change |

QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 33.1 | | | 32.5 | 25.6 | 21.1 | Decreased, 2011-2021 | Not available | No change |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Sexual Behaviors**

| | | Health Risk Behavior and Percentages | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021[§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)

| | | Health Risk Behavior and Percentages | | | | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 16.7 | | | 16.7 | 15.2 | 19.7 | No linear change | Not available[¶] | No change |

QN62: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 61.4 | | | 51.9 | 53.0 | 51.7 | Decreased, 2011-2021 | Not available | No change |

QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 9.2 | 8.5 | 4.8 | Decreased, 2017-2021 | Not available | Decreased |

QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 8.4 | 3.5 | Decreased, 2019-2021 | Not available | Decreased |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNOWT:  Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[¶]

| 14.1 | | | 16.5 | 16.7 | 14.5 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QNOBESE:  Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[¶]

| 11.4 | | | 14.2 | 16.6 | 15.0 | Increased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN68:  Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)

| 21.0 | | | 32.9 | 35.1 | 36.0 | Increased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN69:  Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)

| 8.8 | | | 11.3 | 12.7 | 10.7 | Increased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.
[**]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White\***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNFR0:  Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 4.3 | | | 7.3 | 7.4 | 5.7 | Increased, 2011-2021 | Not available[¶] | No change |

QNFR1:  Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 64.3 | | | 57.6 | 55.2 | 52.8 | Decreased, 2011-2021 | Not available | No change |

QNFR2:  Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 29.5 | | | 25.0 | 24.2 | 23.3 | Decreased, 2011-2021 | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021[§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN70: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey) | | | | | | | | |
| 37.1 | | | 44.1 | 43.5 | 43.1 | Increased, 2011-2021 | Not available[¶] | No change |
| QN71: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) | | | | | | | | |
| 22.4 | | | 28.8 | 34.5 | 37.3 | Increased, 2011-2021 | Not available | No change |
| QN72: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey) | | | | | | | | |
| 47.8 | | | 52.2 | 49.3 | 50.4 | No linear change | Not available | No change |
| QN73: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey) | | | | | | | | |
| 14.4 | | | 19.6 | 20.9 | 19.8 | Increased, 2011-2021 | Not available | No change |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 3.9 | | | 7.6 | 7.0 | 7.2 | Increased, 2011-2021 | Not available[¶] | No change |

QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 66.0 | | | 57.8 | 57.5 | 56.7 | Decreased, 2011-2021 | Not available | No change |

QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 27.8 | | | 21.2 | 23.6 | 19.3 | Decreased, 2011-2021 | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Weight Management and Dietary Behaviors**

| | Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change 19-21 |
|---|---|---|---|---|---|---|---|---|
| 13.2 | | | 8.8 | 11.2 | 9.4 | Decreased, 2011-2021 | Not available[¶] | No change |

QN74: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, one or more times during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change 19-21 |
|---|---|---|---|---|---|---|---|---|
| 20.1 | | | 27.0 | 27.4 | 27.7 | Increased, 2011-2021 | Not available | No change |

QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change 19-21 |
|---|---|---|---|---|---|---|---|---|
| 27.9 | | | 18.2 | 16.7 | 17.8 | Decreased, 2011-2021 | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Weight Management and Dietary Behaviors**

| | Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 17.8 | | | 10.4 | 10.3 | 10.8 | Decreased, 2011-2021 | Not available[¶] | No change |

QN75: Percentage of students who did not drink milk (during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| | | | 18.2 | 22.4 | 26.4 | Increased, 2017-2021 | Not available | No change |

QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| | | | 43.3 | 38.8 | 32.7 | Decreased, 2017-2021 | Not available | Decreased |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Weight Management and Dietary Behaviors**

| | **Health Risk Behavior and Percentages** | | | | | **Linear Change**[†] | **Quadratic Change**[†] | **Change from 2019-2021** [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| | | | 15.9 | 12.1 | 9.6 | Decreased, 2017-2021 | Not available[¶] | No change |

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | | | 14.3 | 14.0 | 17.4 | No linear change | Not available | No change |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | | | 32.1 | 31.6 | 29.8 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Physical Activity**

| | Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN77: 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)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 52.2 | | | 51.1 | 52.2 | 54.1 | No linear change | Not available[¶] | No change |

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)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 8.1 | | | 9.4 | 11.4 | 11.6 | Increased, 2011-2021 | Not available | No change |

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)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 29.2 | | | 30.9 | 27.9 | 30.7 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Physical Activity**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

| 70.9 | | | 62.0 | 76.7 | 59.4 | No linear change | Not available[¶] | Decreased |

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 | | | 15.8 | 10.7 | 25.7 | No linear change | Not available | Increased |

QN80: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)

| 65.3 | | | 61.6 | 63.3 | 59.9 | Decreased, 2011-2021 | Not available | No change |

QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

| | | | 14.9 | 12.7 | 11.7 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Other**

| | | Health Risk Behavior and Percentages | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

| | | | 81.0 | 82.5 | 81.9 | No linear change | Not available[¶] | No change |

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)

| | | | ** | ** | ** | ** | Not available | ** |

QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)

| | | | 23.0 | 26.5 | 28.8 | Increased, 2017-2021 | Not available | No change |

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[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**White***
**Site-Added**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN99: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)

| | | | | 2019 | 2021 | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 30.4 | 43.0 | Increased, 2019-2021 | Not available[¶] | Increased |

QN100: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)

| | | | | 2019 | 2021 | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 13.3 | 10.3 | Decreased, 2019-2021 | Not available | Decreased |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black\***
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN8:  Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 54.7 | | | 51.9 | 48.3 | 54.3 | No linear change | Not available[¶] | No change |

QN9:  Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 33.9 | | | 16.3 | 13.4 | 21.3 | No linear change | Not available | No change |

QN10:  Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 3.2 | 4.7 | 0.0 | Not available | Not available | Not available |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available[¶] | ** |
| QN12: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey) | | | | | | | | |
| | | | 5.7 | 5.1 | 0.0 | Not available | Not available | Not available |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Injury and Violence**

| | | **Health Risk Behavior and Percentages** | | | | **Linear Change**[†] | **Quadratic Change**[†] | **Change from 2019-2021** [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available[¶] | ** |
| QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey) | | | | | | | | |
| 46.3 | | | 25.8 | 16.0 | 28.8 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Injury and Violence**

| **Health Risk Behavior and Percentages** | | | | | | **Linear Change**[†] | **Quadratic Change**[†] | **Change from 2019-2021**[§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN17: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey) | | | | | | | | |
| 22.2 | | | 12.9 | 13.3 | 14.7 | No linear change | Not available[¶] | No change |
| QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | ** | 0.0 | ** | ** | ** | Not available[¶] | ** |

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | ** | ** | ** | ** | ** | Not available | ** |

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)

| 24.8 | | | 10.9 | 23.3 | 15.6 | No linear change | Not available[¶] | No change |

QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

| 32.8 | | | 25.8 | 28.5 | 38.1 | No linear change | Not available | No change |

QN26: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)

| 19.7 | | | 15.8 | 23.9 | 20.0 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

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**Black***
**Injury and Violence**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available[¶] | ** |

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QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available | ** |

---

QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0.0 | | | ** | ** | ** | Not available | Not available | ** |

---

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Tobacco Use**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021[§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available[¶] | ** |

QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | 0.0 | ** | Not available | Not available | Not available |

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | 0.0 | 0.0 | 0.0 | Not available | Not available | Not available |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021[§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)

| 4.0 | | | 0.0 | 0.0 | 0.0 | Not available | Not available[¶] | Not available |
|---|---|---|---|---|---|---|---|---|

QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])

| | | | 25.3 | 51.3 | 26.7 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| | | | 3.3 | 9.1 | 16.3 | Increased, 2017-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Tobacco Use**

| | | **Health Risk Behavior and Percentages** | | | | **Linear Change**[†] | **Quadratic Change**[†] | **Change from 2019-2021** [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) | | | | | | | | |
| | | | 0.0 | 1.4 | 0.0 | Not available | Not available[¶] | Not available |
| QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) | | | | | | | | |
| | | | 0.0 | 1.4 | 0.0 | Not available | Not available | Not available |
| 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) | | | | | | | | |
| | | | 5.2 | 9.1 | 14.7 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Tobacco Use**

| | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **Health Risk Behavior and Percentages** | | | | | | | | |
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN37:  Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available[¶] | ** |

QNFRSKL:  Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 0.0 | 0.0 | 0.0 | Not available | Not available | Not available |

QNDAYSKL:  Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 0.0 | 0.0 | 0.0 | Not available | Not available | Not available |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Tobacco Use**

| | | Health Risk Behavior and Percentages | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN38:  Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)

| ** | | | ** | ** | ** | ** | Not available[¶] | ** |
|---|---|---|---|---|---|---|---|---|

QNTB4:  Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)

| | | | 5.5 | 9.3 | 14.7 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QNFRCGR:  Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)

| 8.9 | | | 0.4 | 0.0 | 0.0 | Not available | Not available | Not available |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Tobacco Use**

| | | **Health Risk Behavior and Percentages** | | | | **Linear Change[†]** | **Quadratic Change[†]** | **Change from 2019-2021[§]** |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNTB2:  Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available[¶] | ** |

QNDAYCGR:  Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1.5 | | | 0.0 | 0.0 | 0.0 | Not available | Not available | Not available |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
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## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Alcohol and Other Drug Use**

| | | Health Risk Behavior and Percentages | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24.4 | | | 10.7 | 18.1 | 16.7 | No linear change | Not available[¶] | No change |

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available | ** |

QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 4.1 | 1.3 | 0.0 | Not available | Not available | Not available |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Alcohol and Other Drug Use**

| | | **Health Risk Behavior and Percentages** | | | | **Linear Change**[†] | **Quadratic Change**[†] | **Change from 2019-2021** [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey) | | | | | | | | |
| | | | | 0.0 | 0.0 | Not available | Not available[¶] | Not available |
| QN45: Percentage of students who ever used marijuana (one or more times during their life) | | | | | | | | |
| 52.4 | | | 35.3 | 37.6 | 20.0 | Decreased, 2011-2021 | Not available | Decreased |
| QN46: Percentage of students who tried marijuana for the first time before age 13 years | | | | | | | | |
| 15.1 | | | 9.0 | 5.7 | 0.0 | Not available | Not available | Not available |
| QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Alcohol and Other Drug Use**

| | | **Health Risk Behavior and Percentages** | | | | **Linear Change**[†] | **Quadratic Change**[†] | **Change from 2019-2021** [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available[¶] | ** |

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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# Iowa High School Survey
## 10-year Trend Analysis Report

**Black***
**Sexual Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN57: Percentage of students who ever had sexual intercourse | | | | | | | | |
| 49.0 | | | 44.9 | 31.5 | 34.5 | No linear change | Not available[¶] | No change |
| QN58: Percentage of students who had sexual intercourse for the first time before age 13 years | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN59: Percentage of students who had sexual intercourse with four or more persons during their life | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) | | | | | | | | |
| 37.2 | | | 37.0 | 20.3 | 17.2 | Decreased, 2011-2021 | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Sexual Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN82:  Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | ** | ** | ** | ** | ** | Not available[¶] | ** |

QN83:  Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021[§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[¶]

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 22.9 | | | 9.6 | 11.5 | 20.8 | No linear change | Not available | No change |

QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[¶]

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| *** | | | *** | *** | *** | *** | Not available | *** |

QN68: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| *** | | | *** | *** | ** | *** | Not available | *** |

QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 23.0 | | | 17.8 | 15.3 | 20.0 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

[**]Not enough years of data to calculate.
[***]Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Weight Management and Dietary Behaviors**

| | | **Health Risk Behavior and Percentages** | | | | **Linear Change[†]** | **Quadratic Change[†]** | **Change from 2019-2021 [§]** |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available[¶] | ** |
| QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| 46.0 | | | 60.1 | 58.9 | 50.6 | No linear change | Not available | No change |
| QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| 25.7 | | | 33.6 | 20.4 | 30.0 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
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## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN70: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey)

| 42.2 | | | 57.2 | 55.5 | 54.7 | No linear change | Not available[¶] | No change |

QN71: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey)

| 46.0 | | | 38.9 | 45.7 | 55.4 | No linear change | Not available | No change |

QN72: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey)

| 59.8 | | | 64.4 | 68.9 | 65.0 | No linear change | Not available | No change |

QN73: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)

| 28.5 | | | 32.1 | 34.0 | 24.8 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available[¶] | ** |

QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 55.9 | | | 44.6 | 42.6 | 46.4 | No linear change | Not available | No change |

QNVEG2: Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 18.0 | | | 21.6 | 21.4 | 17.7 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

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**Black***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNVEG3:  Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 7.9 | | | 14.8 | 15.4 | 12.2 | No linear change | Not available[¶] | No change |

QN74:  Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, one or more times during the 7 days before the survey)

| 18.4 | | | 27.6 | 30.6 | 42.6 | No linear change | Not available | No change |

QNSODA1:  Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| ** | | | ** | ** | ** | ** | Not available | ** |

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*Non-Hispanic.
†Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
§Based on t-test analysis, p < 0.05.
¶Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black\***
**Weight Management and Dietary Behaviors**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021[§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available[¶] | ** |

QN75: Percentage of students who did not drink milk (during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 30.8 | 36.9 | 38.8 | No linear change | Not available | No change |

QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNMILK3:  Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| | | | ** | ** | ** | ** | Not available[¶] | ** |
|---|---|---|---|---|---|---|---|---|

QN76:  Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | | | 28.0 | 25.6 | 31.4 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QNBK7DAY:  Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | | | ** | ** | ** | ** | Not available | ** |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
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## Iowa High School Survey
### 10-year Trend Analysis Report

**Black\***
**Physical Activity**

| | Health Risk Behavior and Percentages | | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021[§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN77: 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) | | | | | | | | |
| 32.0 | | | 42.3 | 27.6 | 32.7 | No linear change | Not available[¶] | No change |
| 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) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| 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) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Black\***
**Physical Activity**

| | | Health Risk Behavior and Percentages | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) | | | | | | | | |
| 56.9 | | | 61.0 | 76.8 | 65.4 | No linear change | Not available[¶] | No change |
| QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) | | | | | | | | |
| 19.4 | | | 24.2 | 17.0 | 23.6 | No linear change | Not available | No change |
| QN80: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN81: 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) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available | ** |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
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## Iowa High School Survey
### 10-year Trend Analysis Report

**Black***
**Other**

| | | Health Risk Behavior and Percentages | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

| | | | ** | ** | ** | ** | Not available[¶] | ** |
|---|---|---|---|---|---|---|---|---|

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)

| | | | ** | ** | ** | ** | Not available | ** |
|---|---|---|---|---|---|---|---|---|

QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)

| | | | 11.7 | 17.5 | 22.4 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.
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## Iowa High School Survey
### 10-year Trend Analysis Report

**Black\***
**Site-Added**

| | | Health Risk Behavior and Percentages | | | | Linear Change[†] | Quadratic Change[†] | Change from 2019-2021 [§] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN99: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)

| | | | | ** | ** | ** | Not available[¶] | ** |
|---|---|---|---|---|---|---|---|---|

QN100: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)

| | | | | 9.9 | 10.4 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| 49.3 | | | 49.5 | 48.7 | 50.7 | No linear change | Not available[§] | No change |

QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

| 27.5 | | | 20.7 | 15.3 | 21.1 | No linear change | Not available | No change |

QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

| | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 † |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) | | | | | | | | |
| | | | 47.8 | 43.0 | 43.7 | No linear change | Not available§ | No change |
| QN12: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |
| QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available | ** |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
†Based on t-test analysis, p < 0.05.
§Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 7.2 | | | 12.0 | 6.3 | 16.1 | No linear change | Not available[§] | Increased |

QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 8.3 | | | 9.0 | 9.7 | 11.7 | No linear change | Not available | No change |

QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 36.0 | | | 17.7 | 19.5 | 23.7 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN17: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 14.3 | | | 10.4 | 7.6 | 9.8 | No linear change | Not available[§] | No change |

QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 11.1 | | | 17.6 | 16.4 | 12.3 | No linear change | Not available | No change |

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 13.8 | 11.1 | 13.1 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change* | Quadratic Change* | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | ** | ** | ** | | ** | Not available[§] | ** |

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | ** | ** | ** | | ** | Not available | ** |

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 19.4 | | | 20.4 | 20.3 | 19.7 | No linear change | Not available | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN24:  Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey)

| 14.6 | | | 16.7 | 19.4 | 18.3 | No linear change | Not available[§] | No change |

QN25:  Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

| 27.0 | | | 31.7 | 47.4 | 50.3 | Increased, 2011-2021 | Not available | No change |

QN26:  Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)

| 20.4 | | | 17.3 | 22.8 | 26.7 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Injury and Violence**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) | | | | | | | | |
| 16.5 | | | 16.9 | 13.9 | 20.7 | No linear change | Not available[§] | No change |
| QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey) | | | | | | | | |
| 15.2 | | | 17.2 | 12.4 | 15.9 | No linear change | Not available | No change |
| QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey) | | | | | | | | |
| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Tobacco Use**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021[†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)

| 56.1 | | | 38.9 | 34.7 | 27.1 | Decreased, 2011-2021 | Not available[§] | No change |

QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)

| | | | 12.7 | 9.2 | 8.0 | No linear change | Not available | No change |

QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)

| ** | | | ** | ** | ** | ** | Not available | ** |

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)

| ** | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
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## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Tobacco Use**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021[†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available[§] | ** |

QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 46.6 | 49.8 | 47.5 | No linear change | Not available | No change |

QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 8.8 | 19.2 | 23.2 | Increased, 2017-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)

| | | | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available[§] | ** |

QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)

| | | | ** | ** | ** | ** | Not available | ** |

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)

| | | | 17.0 | 18.0 | 23.3 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Tobacco Use**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN37:  Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | 2017 | 2019 | 2021 | Linear | Quadratic | 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available[§] | ** |

QNFRSKL:  Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | 2017 | 2019 | 2021 | Linear | Quadratic | 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

QNDAYSKL:  Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

| | | | 2017 | 2019 | 2021 | Linear | Quadratic | 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available[§] | ** |

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)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | 17.2 | 18.0 | 23.4 | No linear change | Not available | No change |

QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | 0.0 | Not available | Not available | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Tobacco Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021[†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available[§] | ** |

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | 0.0 | Not available | Not available | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

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## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Alcohol and Other Drug Use**

| | Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

| 24.6 | | | 18.0 | 21.6 | 14.4 | No linear change | Not available[§] | No change |
|---|---|---|---|---|---|---|---|---|

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

| 40.1 | | | 22.6 | 24.7 | 23.5 | Decreased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey)

| | | | ** | ** | ** | ** | Not available | ** |
|---|---|---|---|---|---|---|---|---|

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey)

| | | | | ** | ** | ** | Not available[§] | ** |
|---|---|---|---|---|---|---|---|---|

QN44: Percentage of students who usually got the alcohol they drank by someone giving it to them (during the 30 days before the survey, among students who currently drank alcohol)

| 49.2 | | | 28.0 | 35.5 | 41.4 | No linear change | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN45: Percentage of students who ever used marijuana (one or more times during their life)

| 43.9 | | | 30.6 | 36.5 | 29.4 | Decreased, 2011-2021 | Not available | No change |
|---|---|---|---|---|---|---|---|---|

QN46: Percentage of students who tried marijuana for the first time before age 13 years

| ** | | | ** | ** | ** | ** | Not available | ** |
|---|---|---|---|---|---|---|---|---|

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

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**Hispanic**
**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| 22.3 | | | 14.4 | 20.1 | 20.2 | No linear change | Not available[§] | No change |

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| | | | ** | ** | ** | ** | Not available | ** |

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear | Quadratic | Change |
|---|---|---|---|---|---|---|---|---|
| | | | 14.1 | 18.2 | 10.2 | No linear change | Not available | Decreased |

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[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Sexual Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN57: Percentage of students who ever had sexual intercourse

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 49.2 | | | 41.3 | 43.5 | 31.3 | Decreased, 2011-2021 | Not available[§] | No change |

QN58: Percentage of students who had sexual intercourse for the first time before age 13 years

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available | ** |

QN59: Percentage of students who had sexual intercourse with four or more persons during their life

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ** | | | ** | ** | ** | ** | Not available | ** |

QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 32.3 | | | 34.9 | 32.2 | 23.1 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Sexual Behaviors**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

| | | | 17.4 | 13.3 | 4.7 | Decreased, 2017-2021 | Not available[§] | Decreased |

QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)

| | | | | 11.0 | 5.1 | No linear change | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021[†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNOWT:  Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

| 20.1 | | | 18.2 | 15.5 | 26.2 | No linear change | Not available[¶] | No change |

QNOBESE:  Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

| 27.3 | | | 19.7 | 26.9 | 19.4 | No linear change | Not available | No change |

QN68:  Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey)

| 23.9 | | | 23.1 | 35.7 | 30.4 | No linear change | Not available | No change |

QN69:  Percentage of students who did not eat fruit (one or more times during the 7 days before the survey)

| 9.7 | | | 13.3 | 7.1 | 13.4 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.
[¶]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| 5.7 | | | 6.7 | 4.3 | 8.6 | No linear change | Not available[§] | No change |
| QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| 62.9 | | | 62.0 | 53.4 | 53.4 | No linear change | Not available | No change |
| QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) | | | | | | | | |
| 41.1 | | | 34.1 | 29.9 | 31.0 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QN70: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey) | | | | | | | | |
| 47.1 | | | 37.6 | 49.5 | 56.3 | No linear change | Not available[§] | No change |
| QN71: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) | | | | | | | | |
| 40.4 | | | 38.7 | 37.1 | 42.2 | No linear change | Not available | No change |
| QN72: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey) | | | | | | | | |
| 59.1 | | | 50.9 | 57.1 | 53.9 | No linear change | Not available | No change |
| QN73: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey) | | | | | | | | |
| 21.3 | | | 24.7 | 23.3 | 30.2 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021[†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNVEG0:  Percentage of students who did not eat vegetables (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 8.6 | | | 11.0 | 11.4 | 13.3 | No linear change | Not available[§] | No change |

QNVEG1:  Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 49.5 | | | 50.5 | 55.4 | 50.3 | No linear change | Not available | No change |

QNVEG2:  Percentage of students who ate vegetables two or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 23.9 | | | 23.0 | 23.6 | 23.2 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding french fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 10.3 | | | 13.4 | 11.2 | 15.2 | No linear change | Not available[§] | No change |

QN74: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, one or more times during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 14.3 | | | 19.5 | 29.4 | 29.2 | Increased, 2011-2021 | Not available | No change |

QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 30.3 | | | 19.6 | 17.6 | 19.7 | Decreased, 2011-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Weight Management and Dietary Behaviors**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 19.0 | | | 11.2 | 13.0 | 8.9 | Decreased, 2011-2021 | Not available[§] | No change |

QN75: Percentage of students who did not drink milk (during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 23.2 | 16.5 | 29.0 | No linear change | Not available | Increased |

QNMILK1: Percentage of students who drank one or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 32.4 | 25.2 | 29.4 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Weight Management and Dietary Behaviors**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |
| QNMILK3: Percentage of students who drank three or more glasses per day of milk (counting the milk they drank in a glass or cup, from a carton, or with cereal and counting the half pint of milk served at school as equal to one glass, during the 7 days before the survey) | | | | | | | | |
| | | | ** | ** | ** | ** | Not available[§] | ** |
| QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey) | | | | | | | | |
| | | | 23.5 | 20.9 | 23.4 | No linear change | Not available | No change |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) | | | | | | | | |
| | | | 24.7 | 23.8 | 23.0 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Physical Activity**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |
| QN77: 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) | | | | | | | | |
| 49.5 | | | 37.6 | 35.7 | 41.5 | No linear change | Not available[§] | No change |
| QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) | | | | | | | | |
| 9.2 | | | 18.4 | 19.5 | 16.1 | No linear change | Not available | No change |
| 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) | | | | | | | | |
| 32.2 | | | 23.7 | 17.1 | 25.0 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Physical Activity**

| Health Risk Behavior and Percentages | | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | | | |

QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

| 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| 77.7 | | | 63.6 | 73.4 | 54.3 | No linear change | Not available[§] | No change |

QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

| 32.8 | | | 12.9 | 20.6 | 24.4 | No linear change | Not available | No change |

QN80: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey)

| 54.9 | | | 57.5 | 43.5 | 48.9 | No linear change | Not available | No change |

QN81: 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)

| | | | 17.0 | 12.3 | 16.1 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Other**

| | | Health Risk Behavior and Percentages | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

| | | | 66.7 | 73.8 | 66.3 | No linear change | Not available[§] | No change |

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)

| | | | ** | ** | ** | ** | Not available | ** |

QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)

| | | | 30.3 | 17.4 | 18.4 | Decreased, 2017-2021 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.
**Data is suppressed due to a numerator of <6, a denominator of <30, and/or a relative standard error of >30%.

## Iowa High School Survey
### 10-year Trend Analysis Report

**Hispanic**
**Site-Added**

| | Health Risk Behavior and Percentages | | | | | Linear Change[*] | Quadratic Change[*] | Change from 2019-2021 [†] |
|---|---|---|---|---|---|---|---|---|
| **2011** | **2013** | **2015** | **2017** | **2019** | **2021** | | | |

QN99: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem)

| | | | | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | | 39.2 | 53.3 | Increased, 2019-2021 | Not available[§] | Increased |

QN100: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)

| | | | | 2019 | 2021 | Linear Change | Quadratic Change | Change from 2019-2021 |
|---|---|---|---|---|---|---|---|---|
| | | | | 9.6 | 8.8 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.