

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Total Injury and Violence</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>                     | <b>Change from 2015-2017 †</b> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|--------------------------------|
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |  |                                |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 16.6 | 14.9 | 15.1 | 7.5  | 7.5  | 6.3  | 5.7  | 6.1  | 6.3  | 5.5  | Decreased, 1999-2017  | Decreased, 1999-2009<br>No change, 2009-2017 | 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      |      |      |      |      |      |      |      | 40.2 | 35.8 | 45.0 | No linear change      | Not available <sup>§</sup>                   | Increased                      |
| QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 15.8 | 14.5 | 16.0 | 16.6 | 17.1 | 18.5 | 13.5 | 14.4 | 13.0 | 13.5 | Decreased, 1999-2017  | Increased, 1999-2009<br>Decreased, 2009-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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| <b>Total<br/>Injury and Violence</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>                     | <b>Change from<br/>2015-2017 †</b> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|------------------------------------|
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |  |                                    |
| QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)                           |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|  |      |      |      | 6.2  | 5.5  | 5.0  | 5.7  | 5.4  | 5.1  | 5.2  | 3.1  | 4.0  | 3.1  | Decreased, 1999-2017  | No quadratic change                          | No change                          |
| QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)    |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|  |      |      |      | 9.5  | 7.2  | 4.8  | 4.6  | 5.3  | 6.3  | 5.1  | 8.2  | 5.3  | 5.1  | Decreased, 1999-2017  | Decreased, 1999-2003<br>No change, 2003-2017 | No change                          |
| QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|  |      |      |      | 8.2  | 8.3  | 7.7  | 6.2  | 5.6  | 7.8  | 6.4  | 5.6  | 6.2  | 6.0  | Decreased, 1999-2017  | No quadratic change                          | No change                          |
| QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|  |      |      |      | 37.6 | 34.1 | 34.9 | 30.3 | 33.0 | 30.4 | 28.0 | 25.1 | 21.2 | 20.0 | Decreased, 1999-2017  | Decreased, 1999-2009<br>Decreased, 2009-2017 | 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,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Total  
Injury and Violence**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from<br>2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|----------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                            |
| QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|   |      |      |      | 11.6 | 11.9 | 11.4 | 9.8  | 10.5 | 8.6  | 8.8  | 9.3  | 8.1  | 8.4  | Decreased, 1999-2017 | No quadratic change                          | No change                  |
| QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|   |      |      |      |      | 8.6  | 7.6  | 7.5  | 7.6  | 9.9  | 8.5  | 7.7  | 6.6  | 6.3  | Decreased, 2001-2017 | No change, 2001-2011<br>Decreased, 2011-2017 | 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, 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|   |      |      |      |      |      |      |      |      |      |      | 10.4 | 7.9  | 5.2  | Decreased, 2013-2017 | Not available <sup>§</sup>                   | Decreased                  |

\*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

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**Total  
Injury and Violence**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                      |                            |                  |               |           |      |      |                      |  |                     |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|----------------------|----------------------------|------------------|---------------|-----------|------|------|----------------------|--|---------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                            |                      |                            |                  |               |           |      |      |                      |  |                     |           |
| 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) |      |      |      |      |      |      |      |      |      |      |      |      | 8.9            | 8.6               | 9.5                        | No linear change     | Not available <sup>§</sup> | No change        |               |           |      |      |                      |  |                     |           |
| QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | 15.9           | 16.5              | 18.5                       | 16.4                 | 14.1                       | 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)   |      |      |      |      |      |      |      |      |      |      |      |      | 13.4           | 11.7              | 10.1                       | Decreased, 2013-2017 |                            | 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)  |      |      |      |      |      |      |      |      |      |      |      |      | 26.9           | 27.0              | 27.4                       | 27.5                 | 26.9                       | 26.5             | 26.8          | 22.9      | 24.2 | 27.6 | Decreased, 1999-2017 |  | No quadratic change | Increased |

\*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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| Total<br>Injury and Violence   | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 †                   |           |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|--|-----------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                   |  | 2017      |
| QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)   |                                      |      |      |      | 17.2 | 16.3 | 15.6 | 12.7 | 11.1 | 13.5 | 13.5 | 12.8 | 14.0 | 16.1           | No linear change  | Decreased, 1999-2007<br>Increased, 2007-2017 | No change |
| QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)   |                                      |      |      |      | 12.5 | 12.1 | 11.7 | 11.0 | 9.2  | 9.9  | 10.3 | 9.9  | 11.0 | 12.0           | No linear change  | Decreased, 1999-2011<br>No change, 2011-2017 | No change |
| QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)  |                                      |      |      |      | 7.5  | 7.1  | 8.6  | 7.1  | 6.2  | 8.2  | 7.8  | 7.0  | 7.6  | 7.2            | No linear change  | No quadratic change                          | 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) |                                      |      |      |      | 2.4  | 2.4  | 2.7  | 2.3  | 2.1  | 2.4  | 2.4  | 2.1  | 2.3  | 2.2            | No linear change  | No quadratic change                          | No change |

\*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

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## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Total Tobacco Use  | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |                      |      |  | Linear Change* | Quadratic Change* | Change from 2015-2017 † |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|----------------------|------|--|----------------|-------------------|-------------------------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011                 | 2013 | 2015   |                |                   |                         |
| QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)  | 70.4                                 | 65.5 | 62.4 | 55.0 | 51.7 | 47.7 | 46.4 | 37.3 | 30.2 | 22.7 | Decreased, 1999-2017 |      | Decreased, 1999-2011<br>Decreased, 2011-2017 |                | Decreased         |                         |
| QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)                | 32.2                                 | 24.2 | 23.5 | 21.2 | 20.2 | 19.0 | 18.3 | 14.2 | 9.9  | 6.2  | Decreased, 1999-2017 |      | Decreased, 1999-2013<br>Decreased, 2013-2017 |                | Decreased         |                         |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) | 17.7                                 | 12.8 | 12.1 | 9.6  | 8.5  | 7.8  | 7.6  | 4.9  | 4.0  | 1.7  | Decreased, 1999-2017 |      | No quadratic change                          |                | Decreased         |                         |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)         | 14.7                                 | 9.9  | 10.4 | 7.9  | 6.7  | 6.2  | 5.1  | 3.5  | 2.9  | 1.6  | Decreased, 1999-2017 |      | No quadratic change                          |                | No change         |                         |

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| Total Tobacco Use   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| 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)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      | 15.7 | 15.6 | 15.0 | 15.0 | 9.8  | 13.7 | 8.7  | 9.6  | 11.9 | 6.9  | Decreased, 1999-2017 | No quadratic change        | No change               |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      | 40.5 | 37.9 |      | No linear change     | Not available <sup>§</sup> | No change               |
| QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      | 23.5 | 13.6 |      | Decreased, 2015-2017 | Not available              | Decreased               |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      | 15.2 | 12.7 | 12.2 | 11.3 | 12.5 | 11.8 | 12.9 | 12.0 | 10.9 | 7.3  | Decreased, 1999-2017 | No quadratic change        | Decreased               |

\*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

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| Total<br>Tobacco Use   | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from<br>2015-2017 †                   |           |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |  |           |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) |                                      |      |      |      | 37.0 | 28.8 | 27.0 | 25.1 | 24.5 | 23.0 | 22.8 | 20.3 | 15.6 | 10.4           | Decreased, 1999-2017 | Decreased, 1999-2013<br>Decreased, 2013-2017 | Decreased |

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## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Total Alcohol and Other Drug Use</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>                     | <b>Change from 2015-2017 †</b> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|--------------------------------|
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |  |                                |
| QN40: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)                         |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | Decreased, 1999-2011<br>Decreased, 2011-2017 | No change                      |
|  |      |      |      | 80.9 | 77.6 | 78.5 | 75.8 | 75.8 | 71.0 | 72.0 | 65.2 | 58.8 | 59.5 |                       |  |                                |
| QN41: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)                                    |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | No change, 1999-2003<br>Decreased, 2003-2017 | No change                      |
|  |      |      |      | 31.8 | 28.8 | 30.3 | 27.2 | 24.9 | 23.5 | 22.7 | 19.8 | 15.3 | 16.1 |                       |  |                                |
| QN42: 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) |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | No change, 1999-2009<br>Decreased, 2009-2017 | No change                      |
|  |      |      |      | 46.9 | 46.4 | 45.4 | 43.1 | 45.2 | 43.7 | 40.4 | 36.3 | 31.4 | 28.7 |                       |  |                                |
| QN46: Percentage of students who ever used marijuana (one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | No quadratic change                          | No change                      |
|  |      |      |      | 48.8 | 46.9 | 48.9 | 42.2 | 43.9 | 42.8 | 46.0 | 42.6 | 41.5 | 44.1 |                       |  |                                |
| QN47: Percentage of students who tried marijuana for the first time before age 13 years  |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | No quadratic change                          | No change                      |
|  |      |      |      | 12.7 | 12.2 | 13.4 | 11.3 | 10.0 | 11.4 | 10.4 | 9.6  | 7.8  | 7.4  |                       |  |                                |

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| <b>Total Alcohol and Other Drug Use</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>                     | <b>Change from 2015-2017 †</b> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|--------------------------------|
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |  |                                |
| QN48: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)                                   |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change      | No quadratic change                          | No change                      |
|  |      |      |      | 29.0 | 26.3 | 27.3 | 22.8 | 25.1 | 25.8 | 27.6 | 25.6 | 23.3 | 26.1 |                       |  |                                |
| QN49: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | No change, 1999-2009<br>Decreased, 2009-2017 | Decreased                      |
|  |      |      |      | 7.2  | 6.3  | 7.4  | 6.4  | 6.1  | 5.8  | 5.3  | 4.0  | 4.4  | 2.9  |                       |  |                                |
| QN51: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)               |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | No quadratic change                          | Decreased                      |
|  |      |      |      | 3.3  | 2.7  | 2.3  | 2.6  | 2.4  | 2.5  | 3.1  | 2.8  | 2.6  | 1.6  |                       |  |                                |
| QN52: Percentage of students who ever used methamphetamines (also called "speed," "crystal," "crank," or "ice," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | No quadratic change                          | No change                      |
|  |      |      |      | 7.0  | 6.8  | 6.2  | 5.5  | 4.3  | 4.0  | 3.7  | 2.7  | 2.7  | 1.7  |                       |  |                                |

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|---|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|----------------------------|--------------------------------|--|
| <b>Health Risk Behavior and Percentages</b>   |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |  |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                  |                            |                                |  |
| QN53: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2003-2017  | No quadratic change        | Decreased                      |  |
| QN54: Percentage of students who ever used synthetic marijuana (also called "K2," "Spice," "fake weed," "King Kong," "Yucatan Fire," "Skunk," or "Moon Rocks," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change      | Not available <sup>§</sup> | No change                      |  |
| QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017  | No quadratic change        | No change                      |  |
| QN57: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)                                     |      |      |      |      |      |      |      |      |      |      |      |      | No linear change      | No quadratic change        | 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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| Total   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*   | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------------|-------------------------|
| Alcohol and Other Drug Use  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                     |                         |
| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                     |                         |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                     |                         |
| QN58: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                     |                         |
|   |      |      |      | 29.1 | 26.9 | 27.9 | 26.1 | 22.9 | 20.9 | 23.1 | 19.1 | 15.6 | 16.8 | Decreased, 1999-2017 | No quadratic change | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Total<br>Sexual Behaviors  | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from<br>2015-2017 †                   |           |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                      |  | 2017      |
| QN59: Percentage of students who ever had sexual intercourse   |                                      |      |      |      | 54.6 | 52.7 | 57.3 | 55.1 | 59.3 | 57.5 | 59.0 | 48.7 | 46.8 | 45.4           | Decreased, 1999-2017 | No change, 1999-2011<br>Decreased, 2011-2017 | No change |
| QN60: Percentage of students who had sexual intercourse for the first time before age 13 years   |                                      |      |      |      | 10.2 | 9.6  | 11.3 | 10.8 | 9.6  | 9.7  | 8.8  | 5.9  | 6.8  | 3.6            | Decreased, 1999-2017 | Decreased, 1999-2011<br>Decreased, 2011-2017 | Decreased |
| QN61: Percentage of students who had sexual intercourse with four or more persons during their life  |                                      |      |      |      | 20.3 | 16.7 | 20.6 | 19.1 | 21.8 | 21.0 | 21.7 | 15.2 | 12.9 | 12.4           | Decreased, 1999-2017 | No change, 1999-2011<br>Decreased, 2011-2017 | No change |
| QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) |                                      |      |      |      | 40.0 | 39.2 | 42.7 | 39.2 | 45.3 | 42.9 | 42.9 | 33.9 | 33.5 | 33.4           | Decreased, 1999-2017 | No change, 1999-2009<br>Decreased, 2009-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Total Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                         |
| QN63: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)                    |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 22.1 | 22.1 | 23.9 | 21.0 | 21.6 | 22.1 | 20.0 | 21.8 | 22.8 | 20.3 | No linear change     | No quadratic change                          | No change               |
| QN64: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)                                  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 62.0 | 62.2 | 62.5 | 63.7 | 69.2 | 62.0 | 58.7 | 63.4 | 57.0 | 52.7 | Decreased, 1999-2017 | Increased, 1999-2007<br>Decreased, 2007-2017 | No change               |
| QN85: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)                           |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      |      |      |      |      |      |      |      |      | 13.3 | 13.5 | No linear change     | Not available <sup>§</sup>                   | No change               |
| QN65: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 16.8 | 20.1 | 17.9 | 17.7 | 15.4 | 19.6 | 18.5 | 17.9 | 18.0 | 19.2 | No linear change     | No quadratic change                          | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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| <b>Total Sexual Behaviors</b>   |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b> | <b>Change from 2015-2017 †</b> |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--------------------------|--------------------------------|-----------|
| <b>Health Risk Behavior and Percentages</b>   |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |           |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                  |                          |                                |           |
| QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |           |
|   |      |      |      |      |      |      |      |      |      |      | 1.3  | 3.3  | 6.0                   | Increased, 2013-2017     | Not available <sup>§</sup>     | No change |
| QNSHPARG: Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |           |
|   |      |      |      |      |      |      |      |      |      |      | 4.6  | 6.0  | 5.5                   | No linear change         | Not available                  | No change |
| QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |           |
|   |      |      |      |      |      |      |      |      |      |      | 23.9 | 27.4 | 30.7                  | Increased, 2013-2017     | 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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| Total Sexual Behaviors   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|--|-------------------------|
| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |  |                         |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |  |                         |
| QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available <sup>§</sup>                   | No change               |
| QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Decreased, 1999-2007<br>Increased, 2007-2017 | 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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| <b>Total</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>                     | <b>Change from 2015-2017 †</b> |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|--------------------------------|
| <b>Weight Management and Dietary Behaviors</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
| <b>Health Risk Behavior and Percentages</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |  |                                |
| QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup> |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|   |      |      |      | 14.2 | 14.8 | 16.5 | 14.9 | 17.3 | 15.6 | 16.9 | 16.3 | 15.8 | 16.6 | No linear change      | No quadratic change                          | No change                      |
| QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>                           |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|   |      |      |      | 10.0 | 10.7 | 13.3 | 14.0 | 13.2 | 13.5 | 12.2 | 14.2 | 15.8 | 15.1 | Increased, 1999-2017  | No quadratic change                          | No change                      |
| QN68: Percentage of students who described themselves as slightly or very overweight  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|   |      |      |      | 29.1 | 30.2 | 31.4 | 31.1 | 27.3 | 27.9 | 27.8 | 31.8 | 31.5 | 33.4 | Increased, 1999-2017  | Decreased, 1999-2011<br>Increased, 2011-2017 | No change                      |
| QN69: Percentage of students who were trying to lose weight   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|   |      |      |      | 41.3 | 43.8 | 42.6 | 44.1 | 42.4 | 43.4 | 45.7 | 48.0 | 44.8 | 46.3 | Increased, 1999-2017  | No quadratic change                          | No change                      |
| QN76: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)                     |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|   |      |      |      |      |      |      |      | 19.0 | 20.4 | 21.6 | 25.3 | 29.0 | 31.8 | Increased, 2007-2017  | No quadratic change                          | 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.

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| <b>Total</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>   | <b>Change from 2015-2017 †</b> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|----------------------------|--------------------------------|
| <b>Weight Management and Dietary Behaviors</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |                            |                                |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|  |      |      |      |      |      |      | 32.4 | 28.8 | 26.1 | 22.2 | 19.1 | 18.3 |      | Decreased, 2007-2017  | No quadratic change        | No change                      |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|  |      |      |      |      |      |      | 24.8 | 21.2 | 19.1 | 15.7 | 11.8 | 12.1 |      | Decreased, 2007-2017  | No quadratic change        | No change                      |
| QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|  |      |      |      |      |      |      | 15.2 | 13.5 | 12.2 | 8.8  | 7.5  | 6.2  |      | Decreased, 2007-2017  | No quadratic change        | No change                      |
| QN78: Percentage of students who did not eat breakfast (during the 7 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|  |      |      |      |      |      |      | 15.1 | 14.8 | 12.2 | 13.0 | 11.0 |      |      | Decreased, 2009-2017  | Not available <sup>§</sup> | 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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| Total  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| Weight Management and Dietary Behaviors  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|  |      |      |      |      |      |      |      | 34.4 | 32.3 | 40.3 | 39.0 | 39.0 |      | Increased, 2009-2017 | Not available <sup>§</sup> | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Total<br>Physical Activity  | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |           |      |      |      |                      |  |           |
|---|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|-----------|------|------|------|----------------------|--|-----------|
|   | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                   |                            | 2017      |      |      |      |                      |  |           |
| QN79: 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)                  |                                      |      |      |      |      |      |      |      |      |      | 43.5 | 41.4 | 43.3 | 43.5           | No linear change  | Not available <sup>§</sup> | 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) |                                      |      |      |      |      |      |      |      |      |      | 18.0 | 19.1 | 18.5 | 17.0           | 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)                  |                                      |      |      |      |      |      |      |      |      |      | 24.9 | 23.7 | 24.7 | 25.1           | No linear change  | Not available              | No change |      |      |      |                      |  |           |
| QN80: Percentage of students who watched television 3 or more hours per day (on an average school day)  |                                      |      |      |      |      |      |      |      |      |      | 43.1 | 40.7 | 45.4 | 44.6           | 39.0              | 37.7                       | 37.3      | 33.9 | 27.9 | 23.6 | Decreased, 1999-2017 | Decreased, 1999-2011<br>Decreased, 2011-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Total Physical Activity</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b> | <b>Change from 2015-2017 †</b> |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--------------------------|--------------------------------|
| <b>Health Risk Behavior and Percentages</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |                          |                                |
| QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day) |      |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2007-2017  | No quadratic change      | Increased                      |
| QN83: 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)  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change      | No quadratic change      | 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.

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| Total<br>Other | Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*          | Change from<br>2015-2017 † |               |           |      |                      |                     |           |
|----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------------------|----------------------------|----------------------------|---------------|-----------|------|----------------------|---------------------|-----------|
|                | 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                  |                            |                            | 2017          |           |      |                      |                     |           |
|                | QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma                                   |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                            |               |           |      |                      |                     |           |
|                |   |      |      |      |      |      |      |      |      |      | 25.8 | 25.4 | 24.3 | No linear change | Not available <sup>§</sup> | No change                  |               |           |      |                      |                     |           |
|                | QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)                                      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                            |               |           |      |                      |                     |           |
|                |   |      |      |      |      |      |      |      |      |      | 27.4 | 27.1 | 26.6 | 24.2             | 23.8                       | Decreased, 2009-2017       | Not available | No change |      |                      |                     |           |
|                | QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                            |               |           |      |                      |                     |           |
|                |   |      |      |      |      |      |      |      |      |      | 61.2 | 57.4 | 56.9 | 57.8             | 60.9                       | 61.4                       | 68.1          | 68.5      | 65.8 | Increased, 2001-2017 | No quadratic change | 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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| Total<br>Site-Added  | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from<br>2015-2017 † |           |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                      |                            | 2017      |
| QN94: Percentage of students who reported that either of their parents or other adults in their family are serving on active duty in the military              |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      | 14.7 | 14.7 | 11.5 | 13.2           | No linear change     | Not available <sup>§</sup> | No change |
| QN95: Percentage of students who are deaf or have serious difficulty hearing   |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      |      |      | 1.7  | 1.8            | No linear change     | Not available              | No change |
| QN96: Percentage of students who have serious difficulty seeing (even when wearing glasses)  |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      |      |      | 6.9  | 8.1            | No linear change     | Not available              | No change |
| QN97: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem) |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      |      |      | 18.4 | 24.7           | Increased, 2015-2017 | Not available              | Increased |
| QN98: Percentage of students who have serious difficulty walking or climbing stairs  |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      |      |      | 3.0  | 2.4            | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Total Site-Added   | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †                      |           |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |  |           |
| QN99: 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 one day during the 30 days before the survey) |                                      |      |      |      | 5.0  | 4.8  | 5.8  | 5.4  | 6.2  | 6.3  | 4.4  | 5.2  | 4.7  | 5.0            | No linear change     | No quadratic change                          | No change |
| QN106: Percentage of students who reported that the largest number of alcoholic drinks they had in a row was 10 or more drinks (within a couple of hours during the 30 days before the survey)                   |                                      |      |      |      |      |      |      |      |      |      |      | 4.9  | 3.4  | 2.6            | Decreased, 2013-2017 | Not available <sup>§</sup>                   | No change |
| QN109: Percentage of students who have been pregnant or gotten someone pregnant (one or more times)  |                                      |      |      |      | 8.0  | 6.4  | 7.7  | 7.2  | 7.4  | 8.6  | 8.0  | 4.1  | 5.1  | 3.4            | Decreased, 1999-2017 | No change, 1999-2011<br>Decreased, 2011-2017 | No change |
| QN110: Percentage of students who have been told by a doctor or nurse that they had a sexually transmitted disease (STD)   |                                      |      |      |      |      |      |      |      | 2.3  | 3.4  | 3.0  | 1.9  | 1.9  | 2.8            | No linear change     | No quadratic change                          | 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.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Total<br>Site-Added  | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from<br>2015-2017 † |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|----------------------------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                      |  |                            |
| QN111: Percentage of students who have ever given or received oral sex   |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |                                      |      |      |      |      |      | 53.8 | 57.6 | 54.9 | 56.9 | 47.6 | 45.8 | 45.9 | Decreased, 2005-2017 | No change, 2005-2011<br>Decreased, 2011-2017 | No change                  |
| QN114: Percentage of students who drank a caffeinated drink (such as coffee, tea, sodas, power drinks, energy drinks or other drinks with caffeine added, one or more times per day during the 7 days before the survey) |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |                                      |      |      |      |      |      |      |      |      |      |      | 24.9 | 22.5 | No linear change     | Not available <sup>§</sup>                   | No change                  |
| QN117: Percentage of students who play violent video games (such as games that are rated M, 2 or more hours per week on average)   |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |                                      |      |      |      |      |      |      |      |      |      |      | 31.6 | 30.2 | No linear change     | Not available                                | No change                  |
| QN120: Percentage of students who strongly agree or agree that their parents or other adults in their family have clear rules and consequences for their behavior  |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |                                      |      |      |      |      |      |      |      |      |      |      | 78.5 | 79.7 | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

| Total<br>Site-Added   | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from<br>2015-2017 † |           |
|---|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
|   | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                      |                            | 2017      |
| QN121: Percentage of students who reported their parents or other adults in their family talked with them about what they expect them to do or not to do when it comes to sex                               |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      |      | 63.2 | 62.6           | No linear change     | Not available <sup>§</sup> | No change |
| QN122: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke one or more packs of cigarettes per day                            |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      |      | 71.3 | 79.3           | Increased, 2015-2017 | Not available              | Increased |
| QN123: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they have five or more drinks of an alcoholic beverage (once or twice a week) |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      |      | 70.4 | 72.9           | No linear change     | Not available              | No change |
| QN124: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke marijuana once or twice a week                                     |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      |      | 41.4 | 37.9           | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Total<br>Site-Added   | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from<br>2015-2017 † |           |
|---|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
|   | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                      |                            | 2017      |
| QN125: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they use prescription drugs that are not prescribed to them |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      |      | 79.2 | 80.5           | No linear change     | Not available <sup>§</sup> | No change |
| QN126: Percentage of students who reported parents feel it wrong or very wrong for them to smoke tobacco  |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      |      | 87.7 | 86.1           | No linear change     | Not available              | No change |
| QN127: Percentage of students who reported parents feel it wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day                               |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      |      | 83.2 | 84.9           | No linear change     | Not available              | No change |
| QN128: Percentage of students who reported parents feel it wrong or very wrong for them to smoke marijuana  |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      |      | 79.6 | 74.1           | Decreased, 2015-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Total<br>Site-Added  | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from<br>2015-2017 † |           |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                      |                            | 2017      |
| QN129: Percentage of students who reported parents feel it wrong or very wrong for them to use prescription drugs (not prescribed to the student)                    |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      |      |      | 90.5 | 91.4           | No linear change     | Not available <sup>§</sup> | No change |
| QN131: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke tobacco  |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      |      |      | 68.4 | 69.1           | No linear change     | Not available              | No change |
| QN132: Percentage of students who reported friends feel it would be wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      |      |      | 62.3 | 59.7           | Decreased, 2015-2017 | Not available              | No change |
| QN133: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke marijuana  |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |                                      |      |      |      |      |      |      |      |      |      |      |      | 40.9 | 36.0           | Decreased, 2015-2017 | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Total  
Site-Added

Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from  
2015-2017 †

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN134: Percentage of students who reported friends feel it would be wrong or very wrong for them to use prescription drugs (not prescribed to the student)

78.6

79.1

No linear change

Not available<sup>§</sup>

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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Male  
Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †                      |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |  |           |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 19.2 | 20.3 | 18.3 | 10.2 | 9.5  | 7.2  | 7.9  | 7.7  | 7.1  | 7.0            | Decreased, 1999-2017 | Decreased, 1999-2009<br>No change, 2009-2017 | 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) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 40.8 | 37.9 | 42.8           | No linear change     | Not available <sup>§</sup>                   | No change |
| QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 25.6 | 24.8 | 24.8 | 26.4 | 25.5 | 26.7 | 20.3 | 23.3 | 19.6 | 20.5           | Decreased, 1999-2017 | No quadratic change                          | No change |
| QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 10.1 | 9.0  | 6.6  | 8.1  | 7.0  | 5.9  | 7.1  | 4.5  | 5.2  | 4.7            | Decreased, 1999-2017 | No quadratic change                          | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Male Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                         |
| QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)    |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 9.0  | 7.2  | 4.4  | 4.2  | 5.7  | 5.1  | 4.8  | 7.1  | 6.1  | 5.4  | Decreased, 1999-2017 | Decreased, 1999-2003<br>No change, 2003-2017 | No change               |
| QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 9.5  | 11.0 | 9.7  | 7.9  | 6.9  | 8.8  | 8.5  | 6.8  | 7.8  | 7.5  | Decreased, 1999-2017 | No quadratic change                          | No change               |
| QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 45.9 | 43.1 | 42.2 | 36.7 | 38.4 | 36.2 | 33.9 | 32.4 | 25.4 | 24.7 | Decreased, 1999-2017 | No quadratic change                          | No change               |
| QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 14.0 | 16.8 | 15.5 | 13.2 | 13.0 | 9.6  | 11.1 | 11.7 | 10.1 | 10.4 | Decreased, 1999-2017 | No quadratic change                          | 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,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male<br/>Injury and Violence</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>   | <b>Change from<br/>2015-2017 †</b> |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|----------------------------|------------------------------------|
| <b>Health Risk Behavior and Percentages</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                    |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |                            |                                    |
| QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)   |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2001-2017  | No quadratic change        | 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, 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) |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2013-2017  | Not available <sup>§</sup> | No change                          |
| 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)                            |      |      |      |      |      |      |      |      |      |      |      |      |      | 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.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Male Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †                      |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |  |           |
| QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      |      |      |      |      | 12.7 | 13.8 | 16.6 | 13.6 | 11.2 |                | No linear change     | Not available <sup>§</sup>                   | 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) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      |      |      |      |      |      |      | 9.4  | 7.3  | 7.6  |                | 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)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 21.1 | 21.3 | 21.0 | 19.9 | 18.4 | 20.2 | 19.2 | 15.7 | 15.3 | 18.4           | Decreased, 1999-2017 | No quadratic change                          | No change |
| QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 12.3 | 12.9 | 11.0 | 9.6  | 9.2  | 9.8  | 10.3 | 10.4 | 10.0 | 10.8           | No linear change     | Decreased, 1999-2007<br>No change, 2007-2017 | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Male  
Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from 2015-2017 † |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|-------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                         |           |
| QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                         |           |
|  |      |      |      | 8.5  | 10.3 | 9.2  | 8.8  | 7.8  | 7.4  | 8.7  | 7.5  | 7.2  | 8.9            | No linear change  | No quadratic change     | No change |
| QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                         |           |
|  |      |      |      | 4.4  | 5.3  | 5.5  | 5.7  | 4.7  | 5.0  | 6.7  | 5.7  | 4.8  | 4.9            | No linear change  | No quadratic change     | 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) |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                         |           |
|  |      |      |      | 1.5  | 2.3  | 2.0  | 2.6  | 1.6  | 1.4  | 2.4  | 1.9  | 2.1  | 1.7            | No linear change  | No quadratic change     | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male Tobacco Use</b>  |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |  |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--------------------------|--|-----------|
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b> | <b>Change from 2015-2017 †</b>               |           |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                  |                          |  |           |
| QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)  |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |  |           |
|  |      |      |      | 69.2 | 65.0 | 60.5 | 53.3 | 52.0 | 44.8 | 46.2 | 39.4 | 29.8 | 23.7                  | Decreased, 1999-2017     | Decreased, 1999-2013<br>Decreased, 2013-2017 | Decreased |
| QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)                |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |  |           |
|  |      |      |      | 31.1 | 24.7 | 21.8 | 19.7 | 20.7 | 18.7 | 17.3 | 15.6 | 10.3 | 7.2                   | Decreased, 1999-2017     | Decreased, 1999-2013<br>Decreased, 2013-2017 | No change |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |  |           |
|  |      |      |      | 17.4 | 13.6 | 11.2 | 9.4  | 8.5  | 7.6  | 7.9  | 6.0  | 5.0  | 2.8                   | Decreased, 1999-2017     | No quadratic change                          | No change |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)         |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |  |           |
|  |      |      |      | 14.2 | 10.7 | 9.5  | 7.9  | 6.6  | 6.0  | 5.2  | 4.5  | 3.2  | 2.7                   | Decreased, 1999-2017     | No quadratic change                          | 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,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Male Tobacco Use  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †    |           |      |      |      |      |      |                      |                     |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|------|------|------|------|------|----------------------|---------------------|-----------|
| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |      |      |      |      |      |                      |                     |           |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                            |           |      |      |      |      |      |                      |                     |           |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |      |      |      |      |      |                      |                     |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 42.2 | 39.7           | No linear change     | Not available <sup>§</sup> | No change |      |      |      |      |      |                      |                     |           |
| QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |      |      |      |      |      |                      |                     |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 26.8 | 14.8           | Decreased, 2015-2017 | Not available              | Decreased |      |      |      |      |      |                      |                     |           |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |      |      |      |      |      |                      |                     |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 21.7 | 18.3           | 15.6                 | 15.6                       | 17.7      | 14.5 | 17.0 | 15.2 | 13.3 | 9.6  | Decreased, 1999-2017 | No quadratic change | Decreased |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |      |      |      |      |      |                      |                     |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 38.9 | 31.5           | 26.6                 | 25.6                       | 26.6      | 24.2 | 23.9 | 22.9 | 17.1 | 12.1 | Decreased, 1999-2017 | No quadratic change | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|--------------------------------|
| <b>Alcohol and Other Drug Use</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>                     | <b>Change from 2015-2017 †</b> |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |  |                                |
| QN40: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)                         |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 80.5 | 77.2 | 76.0 | 74.3 | 74.2 | 68.5 | 68.7 | 65.2 | 55.2 | 54.1 | Decreased, 1999-2017  | Decreased, 1999-2011<br>Decreased, 2011-2017 | No change                      |
| QN41: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)                                    |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 35.6 | 34.4 | 32.5 | 30.9 | 27.8 | 23.6 | 26.1 | 23.3 | 16.2 | 17.8 | Decreased, 1999-2017  | No quadratic change                          | No change                      |
| QN42: 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 46.7 | 47.8 | 43.7 | 43.4 | 44.6 | 41.3 | 38.8 | 35.6 | 27.4 | 27.1 | Decreased, 1999-2017  | Decreased, 1999-2011<br>Decreased, 2011-2017 | No change                      |
| QN46: Percentage of students who ever used marijuana (one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 51.6 | 51.5 | 50.3 | 46.0 | 46.5 | 43.5 | 47.7 | 46.1 | 41.6 | 42.9 | Decreased, 1999-2017  | No quadratic change                          | No change                      |
| QN47: Percentage of students who tried marijuana for the first time before age 13 years  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 14.7 | 18.0 | 16.2 | 15.3 | 12.8 | 14.2 | 13.9 | 12.8 | 10.4 | 9.7  | Decreased, 1999-2017  | No quadratic change                          | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|--------------------------------|
| <b>Alcohol and Other Drug Use</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>                     | <b>Change from 2015-2017 †</b> |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |  |                                |
| QN48: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)                                   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 33.5 | 30.7 | 29.5 | 25.2 | 28.4 | 26.7 | 28.2 | 28.1 | 23.1 | 26.0 | Decreased, 1999-2017  | No quadratic change                          | No change                      |
| QN49: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 7.3  | 6.8  | 8.3  | 7.2  | 7.7  | 6.5  | 6.9  | 5.4  | 5.2  | 3.5  | Decreased, 1999-2017  | No change, 1999-2011<br>Decreased, 2011-2017 | No change                      |
| QN51: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)               |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 3.5  | 3.7  | 3.2  | 3.8  | 3.1  | 2.7  | 4.2  | 4.0  | 3.3  | 2.1  | No linear change      | No quadratic change                          | No change                      |
| QN52: Percentage of students who ever used methamphetamines (also called "speed," "crystal," "crank," or "ice," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                |
|  |      |      |      | 6.9  | 8.1  | 6.7  | 6.1  | 4.6  | 4.0  | 4.9  | 3.8  | 2.8  | 2.4  | Decreased, 1999-2017  | No quadratic change                          | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|----------------------------|--------------------------------|
| <b>Alcohol and Other Drug Use</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
| <b>Health Risk Behavior and Percentages</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>   | <b>Change from 2015-2017 †</b> |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |                            |                                |
| QN53: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|   |      |      |      |      |      | 9.4  | 7.5  | 6.8  | 7.1  | 8.2  | 7.0  | 5.5  | 3.7  | Decreased, 2003-2017  | No quadratic change        | No change                      |
| QN54: Percentage of students who ever used synthetic marijuana (also called "K2," "Spice," "fake weed," "King Kong," "Yucatan Fire," "Skunk," or "Moon Rocks," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|   |      |      |      |      |      |      |      |      |      |      |      | 8.3  | 5.3  | Decreased, 2015-2017  | Not available <sup>§</sup> | Decreased                      |
| QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|   |      |      |      | 3.9  | 7.2  | 4.3  | 3.7  | 4.5  | 4.6  | 4.9  | 4.0  | 3.1  | 2.8  | Decreased, 1999-2017  | No quadratic change        | No change                      |
| QN57: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                |
|   |      |      | 2.8  | 2.9  | 2.4  | 3.1  | 2.9  | 3.1  | 3.7  | 3.3  | 3.4  | 1.9  |      | No linear change      | No quadratic change        | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
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| Male  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*   | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------------|-------------------------|
| Alcohol and Other Drug Use  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                     |                         |
| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                     |                         |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                     |                         |
| QN58: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                     |                         |
|   |      |      |      | 34.3 | 33.2 | 33.4 | 30.2 | 26.9 | 24.4 | 26.4 | 24.4 | 18.1 | 18.1 | Decreased, 1999-2017 | No quadratic change | 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.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male<br/>Sexual Behaviors</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--|------------------------------------|
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>                     | <b>Change from<br/>2015-2017 †</b> |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |  |                                    |
| QN59: Percentage of students who ever had sexual intercourse   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|  |      |      |      | 58.2 | 56.1 | 58.5 | 58.6 | 61.7 | 57.9 | 60.8 | 51.4 | 49.2 | 46.9 | Decreased, 1999-2017  | No change, 1999-2011<br>Decreased, 2011-2017 | No change                          |
| QN60: Percentage of students who had sexual intercourse for the first time before age 13 years   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|  |      |      |      | 13.7 | 15.0 | 15.9 | 16.9 | 14.5 | 13.4 | 13.7 | 8.6  | 10.9 | 5.4  | Decreased, 1999-2017  | No change, 1999-2005<br>Decreased, 2005-2017 | Decreased                          |
| QN61: Percentage of students who had sexual intercourse with four or more persons during their life  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|  |      |      |      | 23.3 | 20.9 | 23.3 | 22.1 | 27.3 | 23.9 | 26.5 | 19.5 | 16.4 | 16.9 | Decreased, 1999-2017  | No change, 1999-2011<br>Decreased, 2011-2017 | No change                          |
| QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |  |                                    |
|  |      |      |      | 41.3 | 39.9 | 40.7 | 38.6 | 44.3 | 41.5 | 42.7 | 34.3 | 31.6 | 32.0 | Decreased, 1999-2017  | No change, 1999-2011<br>Decreased, 2011-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male<br/>Sexual Behaviors</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b>   | <b>Change from<br/>2015-2017 †</b> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|----------------------------|------------------------------------|
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                    |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |                            |                                    |
| QN63: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)                    |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                    |
|  |      |      |      | 27.3 | 27.7 | 30.9 | 26.0 | 26.3 | 28.3 | 24.7 | 24.8 | 26.4 | 26.4 | No linear change      | No quadratic change        | No change                          |
| QN64: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)                                  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                    |
|  |      |      |      | 72.2 | 69.8 | 71.0 | 70.8 | 75.9 | 69.5 | 64.1 | 71.5 | 66.3 | 61.8 | Decreased, 1999-2017  | No quadratic change        | No change                          |
| QN85: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)                           |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                    |
|  |      |      |      |      |      |      |      |      |      |      |      | 12.2 | 10.3 | No linear change      | Not available <sup>§</sup> | No change                          |
| QN65: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                            |                                    |
|  |      |      |      | 12.4 | 15.7 | 12.9 | 16.3 | 10.7 | 17.9 | 16.1 | 13.1 | 12.5 | 15.1 | No linear change      | No quadratic change        | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Male  
Sexual Behaviors

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †    |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                            |           |
| QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      |      |      |      |      |      | 0.4  | 2.5  | 3.8            | Increased, 2013-2017 | Not available <sup>§</sup> | No change |
| QNSHPARG: Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      |      |      |      |      |      | 1.8  | 4.5  | 4.6            | No linear change     | Not available              | No change |
| QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      |      |      |      |      |      | 15.4 | 19.5 | 23.5           | Increased, 2013-2017 | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
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| Male Sexual Behaviors  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*          | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|----------------------------|-------------------------|
| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |                            |                         |
| QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      | 6.4  | 6.4  | 8.5  | No linear change | Not available <sup>§</sup> | No change               |
| QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | No quadratic change        | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--------------------------|--------------------------------|
| <b>Weight Management and Dietary Behaviors</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |
| <b>Health Risk Behavior and Percentages</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b> | <b>Change from 2015-2017 †</b> |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |                          |                                |
| QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup> |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |
|   |      |      |      | 15.3 | 15.2 | 16.4 | 14.3 | 15.9 | 14.8 | 14.1 | 15.3 | 14.3 | 15.4 | No linear change      | No quadratic change      | No change                      |
| QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>                           |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |
|   |      |      |      | 12.7 | 12.9 | 17.0 | 17.4 | 15.6 | 15.3 | 14.9 | 17.2 | 18.1 | 17.3 | Increased, 1999-2017  | No quadratic change      | No change                      |
| QN68: Percentage of students who described themselves as slightly or very overweight  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |
|   |      |      |      | 22.0 | 24.2 | 26.7 | 25.0 | 22.6 | 23.7 | 21.7 | 26.8 | 25.6 | 27.0 | No linear change      | No quadratic change      | No change                      |
| QN69: Percentage of students who were trying to lose weight   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |
|   |      |      |      | 25.2 | 28.1 | 29.2 | 30.5 | 28.4 | 31.0 | 30.2 | 36.1 | 29.6 | 32.7 | Increased, 1999-2017  | No quadratic change      | No change                      |
| QN76: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)                     |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |
|   |      |      |      |      |      |      | 15.6 | 16.6 | 20.7 | 22.8 | 26.6 | 25.8 |      | Increased, 2007-2017  | No quadratic change      | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male</b>  |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |      |      |                      |                      |                            |                     |           |           |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--------------------------|--------------------------------|------|------|----------------------|----------------------|----------------------------|---------------------|-----------|-----------|--|
| <b>Weight Management and Dietary Behaviors</b>   |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |      |      |                      |                      |                            |                     |           |           |  |
| <b>Health Risk Behavior and Percentages</b>  |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b> | <b>Change from 2015-2017 †</b> |      |      |                      |                      |                            |                     |           |           |  |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                  |                          |                                |      |      |                      |                      |                            |                     |           |           |  |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | 37.9                  | 32.1                     | 29.8                           | 25.2 | 20.7 | 22.6                 | Decreased, 2007-2017 |                            | No quadratic change |           | No change |  |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | 29.8                  | 24.2                     | 23.3                           | 17.9 | 12.7 | 14.5                 | Decreased, 2007-2017 |                            | No quadratic change |           | No change |  |
| QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | 18.3                  | 14.8                     | 14.1                           | 10.4 | 8.1  | 7.1                  | Decreased, 2007-2017 |                            | No quadratic change |           | No change |  |
| QN78: Percentage of students who did not eat breakfast (during the 7 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | 14.7                  | 16.8                     | 11.5                           | 12.4 | 10.8 | Decreased, 2009-2017 |                      | Not available <sup>§</sup> |                     | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
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| Male   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| Weight Management and Dietary Behaviors  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|  |      |      |      |      |      |      |      | 39.2 | 35.6 | 43.4 | 42.6 | 44.6 |      | Increased, 2009-2017 | Not available <sup>§</sup> | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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| Male<br>Physical Activity   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from<br>2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|----------------------------|
| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                            |
| QN79: 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)                  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available <sup>§</sup>                   | 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) |      |      |      |      |      |      |      |      |      |      |      |      |      | 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)                  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available                                | No change                  |
| QN80: Percentage of students who watched television 3 or more hours per day (on an average school day)  |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | Decreased, 1999-2013<br>Decreased, 2013-2017 | 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.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| <b>Male</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |      |      |      |                      |      |                     |      |                  |  |                     |  |           |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------|--------------------------|--------------------------------|------|------|------|----------------------|------|---------------------|------|------------------|--|---------------------|--|-----------|--|
| <b>Physical Activity</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |                       |                          |                                |      |      |      |                      |      |                     |      |                  |  |                     |  |           |  |
| <b>Health Risk Behavior and Percentages</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      | <b>Linear Change*</b> | <b>Quadratic Change*</b> | <b>Change from 2015-2017 †</b> |      |      |      |                      |      |                     |      |                  |  |                     |  |           |  |
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                       |                          |                                |      |      |      |                      |      |                     |      |                  |  |                     |  |           |  |
| QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day) |      |      |      |      |      |      |      |      |      |      |      |      |      | 32.1                  | 32.6                     | 38.7                           | 42.6 | 38.3 | 46.3 | Increased, 2007-2017 |      | No quadratic change |      | Increased        |  |                     |  |           |  |
| QN83: 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)  |      |      |      |      |      |      |      |      |      |      |      |      |      | 61.5                  | 62.0                     | 60.4                           | 60.6 | 59.4 | 62.5 | 60.3                 | 62.8 | 58.5                | 56.5 | No linear change |  | No quadratic change |  | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
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| Male<br>Other | Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                      |               |           |      |      |      |      |      |      |                      |                     |           |
|---------------|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|----------------------|---------------|-----------|------|------|------|------|------|------|----------------------|---------------------|-----------|
|               | 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                   |                            | 2017                 |               |           |      |      |      |      |      |      |                      |                     |           |
|               | QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma                                   |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                      |               |           |      |      |      |      |      |      |                      |                     |           |
|               |   |      |      |      |      |      |      |      |      |      |      | 26.4 | 26.5 | 25.1           | No linear change  | Not available <sup>§</sup> | No change            |               |           |      |      |      |      |      |      |                      |                     |           |
|               | QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                      |               |           |      |      |      |      |      |      |                      |                     |           |
|               |   |      |      |      |      |      |      |      |      |      |      | 29.0 | 28.8 | 28.5           | 26.6              | 24.5                       | Decreased, 2009-2017 | Not available | No change |      |      |      |      |      |      |                      |                     |           |
|               | QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                      |               |           |      |      |      |      |      |      |                      |                     |           |
|               |   |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            | 52.6                 | 51.6          | 48.9      | 52.4 | 55.4 | 55.1 | 61.8 | 61.9 | 57.8 | Increased, 2001-2017 | No quadratic change | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Male  
Site-Added

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |                            |                         |  |
| QN94: Percentage of students who reported that either of their parents or other adults in their family are serving on active duty in the military              |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available <sup>§</sup> | No change               |  |
| QN95: Percentage of students who are deaf or have serious difficulty hearing   |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2015-2017 | Not available              | No change               |  |
| QN96: Percentage of students who have serious difficulty seeing (even when wearing glasses)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available              | No change               |  |
| QN97: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem) |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2015-2017 | Not available              | Increased               |  |
| QN98: Percentage of students who have serious difficulty walking or climbing stairs  |      |      |      |      |      |      |      |      |      |      |      |      | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Male<br>Site-Added   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from<br>2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|----------------------------|
| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                            |
| QN99: 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 one day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change                          | No change                  |
|  |      |      |      | 8.5  | 9.0  | 10.0 | 9.3  | 10.4 | 10.2 | 7.3  | 8.8  | 8.2  | 8.2  |                      |  |                            |
| QN106: Percentage of students who reported that the largest number of alcoholic drinks they had in a row was 10 or more drinks (within a couple of hours during the 30 days before the survey)                   |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2013-2017 | Not available <sup>§</sup>                   | No change                  |
|  |      |      |      |      |      |      |      |      |      |      | 7.4  | 5.4  | 3.5  |                      |  |                            |
| QN109: Percentage of students who have been pregnant or gotten someone pregnant (one or more times)  |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No change, 1999-2009<br>Decreased, 2009-2017 | No change                  |
|  |      |      |      | 5.4  | 5.8  | 6.4  | 6.6  | 6.5  | 7.2  | 6.5  | 4.0  | 4.7  | 3.9  |                      |  |                            |
| QN110: Percentage of students who have been told by a doctor or nurse that they had a sexually transmitted disease (STD)   |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change                          | No change                  |
|  |      |      |      |      |      |      |      | 2.1  | 2.1  | 2.1  | 2.1  | 1.7  | 2.5  |                      |  |                            |

\*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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Male  
Site-Added

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                         |
| QN111: Percentage of students who have ever given or received oral sex   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      |      |      | 57.5 | 61.9 | 55.4 | 58.0 | 50.8 | 48.2 | 45.5 |      | Decreased, 2005-2017 | No change, 2005-2011<br>Decreased, 2011-2017 | No change               |
| QN114: Percentage of students who drank a caffeinated drink (such as coffee, tea, sodas, power drinks, energy drinks or other drinks with caffeine added, one or more times per day during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      |      |      |      |      |      |      |      | 27.8 | 22.2 |      | Decreased, 2015-2017 | Not available <sup>§</sup>                   | Decreased               |
| QN117: Percentage of students who play violent video games (such as games that are rated M, 2 or more hours per week on average)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      |      |      |      |      |      |      |      | 54.3 | 53.7 |      | No linear change     | Not available                                | No change               |
| QN120: Percentage of students who strongly agree or agree that their parents or other adults in their family have clear rules and consequences for their behavior  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      |      |      |      |      |      |      |      | 78.2 | 77.7 |      | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Male  
Site-Added

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QN121: Percentage of students who reported their parents or other adults in their family talked with them about what they expect them to do or not to do when it comes to sex                               |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 58.7 | 57.5 | No linear change     | Not available <sup>§</sup> | No change               |
| QN122: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke one or more packs of cigarettes per day                            |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 69.3 | 75.4 | Increased, 2015-2017 | Not available              | Increased               |
| QN123: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they have five or more drinks of an alcoholic beverage (once or twice a week) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 65.5 | 65.8 | No linear change     | Not available              | No change               |
| QN124: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke marijuana once or twice a week                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 35.2 | 35.1 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Male  
Site-Added**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                            |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                            |                            |           |
| QN125: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they use prescription drugs that are not prescribed to them |      |      |      |      |      |      |      |      |      |      |      |      | 74.8           | 75.9              | No linear change           | Not available <sup>§</sup> | No change |
| QN126: Percentage of students who reported parents feel it wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      | 84.2           | 81.4              | No linear change           | Not available              | No change |
| QN127: Percentage of students who reported parents feel it wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day                               |      |      |      |      |      |      |      |      |      |      |      |      | 77.1           | 80.6              | No linear change           | Not available              | No change |
| QN128: Percentage of students who reported parents feel it wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      | 74.9           | 71.1              | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Male  
Site-Added**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                            |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|----------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                |                   |                            |                            |           |
| QN129: Percentage of students who reported parents feel it wrong or very wrong for them to use prescription drugs (not prescribed to the student)                    |      |      |      |      |      |      |      |      |      |      |      |      |      | 88.6           | 89.1              | No linear change           | Not available <sup>§</sup> | No change |
| QN131: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      |      | 63.4           | 64.9              | No linear change           | Not available              | No change |
| QN132: Percentage of students who reported friends feel it would be wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day |      |      |      |      |      |      |      |      |      |      |      |      |      | 56.7           | 54.0              | No linear change           | Not available              | No change |
| QN133: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      |      | 36.8           | 35.0              | 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.



2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Male  
Site-Added

Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from  
2015-2017 †

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN134: Percentage of students who reported friends feel it would be wrong or very wrong for them to use prescription drugs (not prescribed to the student)

74.5 73.8

No linear change

Not available<sup>§</sup>

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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Female  
Injury and Violence**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from<br>2015-2017 † |      |  |      |  |     |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|----------------------------|------|--|------|--|-----|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |  |                            |      |  |      |  |     |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | Decreased, 1999-2009<br>No change, 2009-2017 | No change                  |      |  |      |  |     |
|  |      | 13.7 |      | 9.7  |      | 11.9 |      | 4.7  |      | 5.4  |      | 4.8  |                      | 3.4  |                            | 4.2  |  | 4.9  |  | 3.7 |
| QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available <sup>§</sup>                   | Increased                  |      |  |      |  |     |
|  |      |      |      |      |      |      |      |      |      |      |      |      |                      | 39.8   |                            | 33.4 |  | 47.1 |  |     |
| QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Increased, 1999-2009<br>Decreased, 2009-2017 | No change                  |      |  |      |  |     |
|  |      | 5.0  |      | 4.7  |      | 7.2  |      | 6.5  |      | 8.0  |      | 9.9  |                      | 6.6  |                            | 5.5  |  | 6.0  |  | 6.3 |
| QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Increased, 1999-2007<br>Decreased, 2007-2017 | No change                  |      |  |      |  |     |
|  |      | 1.9  |      | 2.1  |      | 2.9  |      | 3.2  |      | 3.9  |      | 4.1  |                      | 3.3  |                            | 1.6  |  | 2.6  |  | 1.5 |

\*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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Female Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from<br>2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|----------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                            |
| QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)    |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |      |      |      | 9.9  | 7.2  | 5.1  | 4.9  | 5.0  | 7.2  | 5.4  | 9.2  | 3.9  | 4.6  | Decreased, 1999-2017 | No quadratic change                          | No change                  |
| QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |      |      |      | 6.7  | 5.6  | 5.5  | 4.4  | 4.0  | 6.3  | 4.4  | 4.3  | 3.8  | 4.2  | Decreased, 1999-2017 | No quadratic change                          | No change                  |
| QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |      |      |      | 28.6 | 25.2 | 27.5 | 23.9 | 26.0 | 24.2 | 22.0 | 17.6 | 15.9 | 15.2 | Decreased, 1999-2017 | Decreased, 1999-2009<br>Decreased, 2009-2017 | No change                  |
| QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |      |      |      | 9.2  | 7.2  | 7.0  | 6.5  | 7.5  | 7.3  | 6.4  | 7.1  | 5.9  | 6.4  | Decreased, 1999-2017 | No quadratic change                          | 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,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Female  
Injury and Violence**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                         |
| QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|   |      |      |      | 10.7 | 10.2 | 10.3 | 11.2 | 13.8 | 12.3 | 9.9  | 8.6  | 9.0  |      | Decreased, 2001-2017 | No change, 2001-2009<br>Decreased, 2009-2017 | 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, 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|   |      |      |      |      |      |      |      |      |      |      | 12.3 | 9.8  | 6.7  | Decreased, 2013-2017 | Not available <sup>§</sup>                   | No change               |
| 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)                            |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|   |      |      |      |      |      |      |      |      |      |      | 10.7 | 9.8  | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Female Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †                      |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |  |           |
| QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      |      |      |      |      | 18.8 | 19.3 | 20.4 | 18.6 | 17.1 |                | No linear change     | Not available <sup>§</sup>                   | 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) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 17.5 | 16.0 | 12.4           | Decreased, 2013-2017 | Not available                                | Decreased |
| 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)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 33.3 | 32.3 | 33.7 | 35.3 | 35.7 | 32.8 | 34.0 | 30.1 | 32.5 | 36.9           | No linear change     | No quadratic change                          | No change |
| QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 22.4 | 19.6 | 20.0 | 16.2 | 12.9 | 17.2 | 16.7 | 15.5 | 17.5 | 21.3           | No linear change     | Decreased, 1999-2007<br>Increased, 2007-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Female Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|--|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |  |                         |
| QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |  |                         |
|  |      |      |      | 16.8 | 13.9 | 14.0 | 13.4 | 10.5 | 12.2 | 11.8 | 12.3 | 14.8 | 14.8 | No linear change | Decreased, 1999-2011<br>Increased, 2011-2017 | No change               |
| QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |  |                         |
|  |      |      |      | 10.7 | 8.9  | 11.5 | 8.7  | 7.6  | 10.8 | 8.8  | 8.2  | 10.2 | 9.1  | No linear change | No quadratic change                          | 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |  |                         |
|  |      |      |      | 3.2  | 2.6  | 3.5  | 1.9  | 2.7  | 3.0  | 2.4  | 2.2  | 2.4  | 2.5  | No linear change | No quadratic change                          | 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,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Female  
Tobacco Use**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from<br>2015-2017 † |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|----------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |  |                            |  |
| QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | Decreased, 1999-2011<br>Decreased, 2011-2017 | Decreased                  |  |
|  |      |      |      | 71.6 | 65.8 | 64.0 | 56.1 | 51.8 | 50.6 | 46.2 | 35.4 | 30.1 | 21.9                 |  |                            |  |
| QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)                |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | Decreased, 1999-2011<br>Decreased, 2011-2017 | Decreased                  |  |
|  |      |      |      | 33.4 | 23.4 | 25.1 | 22.8 | 19.1 | 19.1 | 18.7 | 12.7 | 9.2  | 5.2                  |  |                            |  |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | Decreased, 1999-2011<br>Decreased, 2011-2017 | Decreased                  |  |
|  |      |      |      | 18.0 | 12.2 | 12.8 | 9.8  | 8.2  | 7.6  | 7.1  | 3.8  | 2.9  | 0.6                  |  |                            |  |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)         |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | Decreased, 1999-2011<br>Decreased, 2011-2017 | No change                  |  |
|  |      |      |      | 14.9 | 9.1  | 11.1 | 7.7  | 6.7  | 6.2  | 4.6  | 2.6  | 2.4  | 0.5                  |  |                            |  |

\*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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Female  
Tobacco Use**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from 2015-2017 † |                            |           |      |      |      |      |     |                      |  |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|-------------------------|----------------------------|-----------|------|------|------|------|-----|----------------------|--|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                         |                            |           |      |      |      |      |     |                      |  |           |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])  |      |      |      |      |      |      |      |      |      |      |      |      | 38.3           | 35.9              | No linear change        | Not available <sup>§</sup> | No change |      |      |      |      |     |                      |  |           |
| QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | 20.2           | 12.6              | Decreased, 2015-2017    | Not available              | Decreased |      |      |      |      |     |                      |  |           |
| QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | 8.1            | 7.2               | 8.5                     | 7.0                        | 7.4       | 8.6  | 8.6  | 8.4  | 8.0  | 5.0 | No linear change     | No change, 1999-2013<br>Decreased, 2013-2017 | Decreased |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      | 34.9           | 26.0              | 27.1                    | 24.8                       | 21.8      | 21.5 | 21.3 | 17.2 | 13.6 | 8.7 | Decreased, 1999-2017 | Decreased, 1999-2013<br>Decreased, 2013-2017 | 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.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Female

#### Alcohol and Other Drug Use

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                         |
| QN40: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)                         |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No change, 1999-2007<br>Decreased, 2007-2017 | No change               |
| 81.3   | 78.2 | 80.8 | 77.4 | 77.3 | 73.7 | 75.2 | 65.4 | 62.4 | 65.3 |      |      |      |      |                      |  |                         |
| QN41: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)                                    |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change                          | No change               |
| 27.6   | 23.4 | 28.1 | 23.2 | 21.2 | 23.0 | 19.4 | 16.4 | 14.0 | 14.6 |      |      |      |      |                      |  |                         |
| QN42: 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) |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No change, 1999-2009<br>Decreased, 2009-2017 | No change               |
| 47.4   | 45.0 | 46.9 | 42.6 | 44.7 | 46.2 | 41.9 | 37.1 | 35.6 | 30.9 |      |      |      |      |                      |  |                         |
| QN46: Percentage of students who ever used marijuana (one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Decreased, 1999-2005<br>No change, 2005-2017 | No change               |
| 45.7   | 42.5 | 47.2 | 38.3 | 41.6 | 42.0 | 43.8 | 39.0 | 40.9 | 45.0 |      |      |      |      |                      |  |                         |
| QN47: Percentage of students who tried marijuana for the first time before age 13 years  |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change                          | No change               |
| 10.4   | 6.6  | 10.5 | 7.3  | 6.6  | 8.5  | 7.0  | 6.1  | 4.7  | 5.1  |      |      |      |      |                      |  |                         |

\*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

†Based on t-test analysis,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Female

#### Alcohol and Other Drug Use

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*   | Change from 2015-2017 † |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------------|-------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |                     |                         |  |
| QN48: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)                                   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change | No change               |  |
|  |      |      |      | 24.2 | 21.8 | 25.0 | 20.5 | 21.5 | 24.7 | 26.5 | 22.9 | 23.2 | 25.6                 |                     |                         |  |
| QN49: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change | No change               |  |
|  |      |      |      | 7.0  | 5.8  | 6.4  | 5.3  | 4.5  | 4.8  | 3.6  | 2.4  | 2.9  | 2.1                  |                     |                         |  |
| QN51: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)               |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change | No change               |  |
|  |      |      |      | 2.8  | 1.6  | 1.3  | 1.3  | 1.5  | 2.1  | 1.8  | 1.3  | 1.5  | 1.0                  |                     |                         |  |
| QN52: Percentage of students who ever used methamphetamines (also called "speed," "crystal," "crank," or "ice," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change | Decreased               |  |
|  |      |      |      | 6.8  | 5.6  | 5.7  | 4.9  | 3.8  | 3.5  | 2.4  | 1.5  | 2.3  | 0.9                  |                     |                         |  |

\*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

†Based on t-test analysis,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Female

#### Alcohol and Other Drug Use

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †    |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                            |           |
| QN53: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      | 9.6  | 5.8  | 4.5  | 5.7  | 6.0  | 4.2  | 3.5  | 2.2            | Decreased, 2003-2017 | No quadratic change        | No change |
| QN54: Percentage of students who ever used synthetic marijuana (also called "K2," "Spice," "fake weed," "King Kong," "Yucatan Fire," "Skunk," or "Moon Rocks," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 5.2  | 5.3            | No linear change     | Not available <sup>§</sup> | No change |
| QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      | 2.3  | 2.3  | 3.7  | 3.0  | 2.0  | 2.3  | 2.5  | 2.2  | 1.4  | 1.8            | Decreased, 1999-2017 | No quadratic change        | No change |
| QN57: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)                                     |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      | 1.7  | 0.5  | 0.9  | 1.2  | 1.3  | 1.9  | 1.8  | 1.2  | 1.0  | 0.7            | No linear change     | No quadratic change        | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female

Alcohol and Other Drug Use

Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from  
2015-2017 †

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN58: Percentage of students who were offered, sold, or given an illegal drug on school property  
(during the 12 months before the survey)

23.7 21.0 22.1 22.1 18.9 17.2 19.9 14.0 12.7 15.6 Decreased, 1999-2017 No quadratic change 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female  
Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                         |
| QN59: Percentage of students who ever had sexual intercourse   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 50.9 | 49.4 | 56.2 | 51.3 | 56.5 | 57.1 | 57.1 | 46.0 | 43.5 | 43.9 | Decreased, 1999-2017 | Increased, 1999-2009<br>Decreased, 2009-2017 | No change               |
| QN60: Percentage of students who had sexual intercourse for the first time before age 13 years   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 6.6  | 4.5  | 6.7  | 4.5  | 4.8  | 5.8  | 4.3  | 3.3  | 2.4  | 1.7  | Decreased, 1999-2017 | Decreased, 1999-2011<br>Decreased, 2011-2017 | No change               |
| QN61: Percentage of students who had sexual intercourse with four or more persons during their life  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 16.8 | 12.8 | 17.8 | 15.7 | 16.7 | 18.0 | 17.0 | 10.7 | 8.8  | 8.4  | Decreased, 1999-2017 | No change, 1999-2011<br>Decreased, 2011-2017 | No change               |
| QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 38.6 | 38.4 | 44.6 | 39.8 | 46.5 | 44.2 | 42.9 | 33.6 | 34.3 | 34.7 | Decreased, 1999-2017 | Increased, 1999-2007<br>Decreased, 2007-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Female Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*                            | Change from<br>2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|--|----------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |  |                            |
| QN63: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)                    |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | No quadratic change                          | No change                  |
|  |      |      |      | 16.5 | 16.4 | 17.5 | 15.7 | 16.1 | 16.0 | 15.9 | 18.4 | 19.2 | 15.1 |                  |  |                            |
| QN64: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)                                  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Increased, 1999-2007<br>Decreased, 2007-2017 | No change                  |
|  |      |      |      | 50.5 | 54.6 | 54.9 | 56.9 | 62.8 | 55.2 | 54.1 | 55.8 | 48.0 | 45.4 |                  |  |                            |
| QN85: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)                           |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available <sup>§</sup>                   | No change                  |
|  |      |      |      |      |      |      |      |      |      |      |      | 13.6 | 16.6 |                  |  |                            |
| QN65: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | No quadratic change                          | No change                  |
|  |      |      |      | 20.9 | 24.4 | 21.8 | 19.2 | 19.3 | 21.5 | 21.1 | 22.1 | 23.1 | 23.2 |                  |  |                            |

\*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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Female  
Sexual Behaviors**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                      |                            |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|----------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                            |                      |                            |           |
| QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      | 2.3            | 4.3               | 7.9                        | Increased, 2013-2017 | Not available <sup>§</sup> | No change |
| QNSHPARG: Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      | 7.4            | 7.7               | 6.4                        | No linear change     | Not available              | No change |
| QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      | 31.7           | 35.1              | 37.4                       | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female  
Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|--|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |  |                         |
| QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |  |                         |
|  |      |      |      |      |      |      |      |      |      |      | 10.5 | 9.3  | 10.0 | No linear change | Not available <sup>§</sup>                   | No change               |
| QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |  |                         |
|  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Decreased, 1999-2003<br>No change, 2003-2017 | 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.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Female

#### Weight Management and Dietary Behaviors

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †                      |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |  |           |
| QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup> |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|   |      |      |      | 13.1 | 14.4 | 16.6 | 15.6 | 18.8 | 16.5 | 19.7 | 17.3 | 17.3 | 17.8           | Increased, 1999-2017 | Increased, 1999-2011<br>No change, 2011-2017 | No change |
| QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>                           |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|   |      |      |      | 7.0  | 8.6  | 9.4  | 10.4 | 10.7 | 11.6 | 9.5  | 11.0 | 13.3 | 12.9           | Increased, 1999-2017 | No quadratic change                          | No change |
| QN68: Percentage of students who described themselves as slightly or very overweight  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|   |      |      |      | 36.8 | 35.7 | 36.1 | 37.7 | 31.8 | 32.0 | 33.6 | 36.7 | 37.7 | 39.6           | No linear change     | Decreased, 1999-2009<br>Increased, 2009-2017 | No change |
| QN69: Percentage of students who were trying to lose weight   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|   |      |      |      | 58.8 | 58.6 | 56.1 | 58.8 | 56.7 | 56.3 | 60.8 | 59.7 | 59.5 | 59.5           | No linear change     | No quadratic change                          | No change |
| QN76: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)                     |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|   |      |      |      |      |      |      |      | 23.2 | 23.8 | 21.9 | 27.7 | 31.2 | 37.7           | Increased, 2007-2017 | No change, 2007-2011<br>Increased, 2011-2017 | 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,  $p < 0.05$ .

§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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female

Weight Management and Dietary Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |                            |                         |  |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017 | No quadratic change        | No change               |  |
|  |      |      |      |      |      |      | 26.4 | 25.6 | 22.5 | 19.2 | 16.9 | 13.9 |                      |                            |                         |  |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017 | No quadratic change        | No change               |  |
|  |      |      |      |      |      |      | 19.5 | 18.3 | 15.2 | 13.5 | 10.8 | 9.6  |                      |                            |                         |  |
| QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three 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) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017 | No quadratic change        | No change               |  |
|  |      |      |      |      |      |      | 11.8 | 12.2 | 10.5 | 7.3  | 6.7  | 5.4  |                      |                            |                         |  |
| QN78: Percentage of students who did not eat breakfast (during the 7 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2009-2017 | Not available <sup>§</sup> | No change               |  |
|  |      |      |      |      |      |      | 15.1 | 12.7 | 13.0 | 13.5 | 10.9 |      |                      |                            |                         |  |

\*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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from  
2015-2017 †

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

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

29.5 29.1 37.3 35.4 33.3 Increased, 2009-2017 Not available<sup>§</sup> 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female  
Physical Activity

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|--|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |  |                         |  |
| QN79: 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)                  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available <sup>§</sup>                   | 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) |      |      |      |      |      |      |      |      |      |      |      |      | 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)                  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available                                | No change               |  |
| QN80: Percentage of students who watched television 3 or more hours per day (on an average school day)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No change, 1999-2005<br>Decreased, 2005-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Female  
Physical Activity**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*   | Change from 2015-2017 † |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------------|-------------------------|------|------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |                     |                         |      |      |
| QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day) |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2007-2017 | No quadratic change | Increased               |      |      |
|   |      |      |      |      |      |      |      | 23.4 | 22.1 | 30.7 | 37.2 | 32.7 | 43.6                 |                     |                         |      |      |
| QN83: 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)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change | No change               |      |      |
|   |      |      |      |      |      |      |      | 52.7 | 50.2 | 46.6 | 51.3 | 50.3 | 44.1                 | 50.8                | 50.7                    | 50.3 | 50.0 |

\*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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

| Female<br>Other | Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                  |               |           |      |      |      |      |      |      |                      |  |           |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|------------------|---------------|-----------|------|------|------|------|------|------|----------------------|--|-----------|
|                 | 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                   |                            | 2017             |               |           |      |      |      |      |      |      |                      |  |           |
|                 | QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma                                   |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                  |               |           |      |      |      |      |      |      |                      |  |           |
|                 |   |      |      |      |      |      |      |      |      |      |      | 25.3 | 24.4 | 23.4           | No linear change  | Not available <sup>§</sup> | No change        |               |           |      |      |      |      |      |      |                      |  |           |
|                 | QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                  |               |           |      |      |      |      |      |      |                      |  |           |
|                 |   |      |      |      |      |      |      |      |      |      |      | 25.8 | 25.3 | 24.3           | 22.0              | 23.2                       | No linear change | Not available | No change |      |      |      |      |      |      |                      |  |           |
|                 | QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                  |               |           |      |      |      |      |      |      |                      |  |           |
|                 |   |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            | 69.8             | 63.4          | 65.2      | 63.1 | 66.7 | 68.0 | 74.7 | 75.1 | 74.1 | Increased, 2001-2017 | No change, 2001-2007<br>Increased, 2007-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Female Site-Added  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QN94: Percentage of students who reported that either of their parents or other adults in their family are serving on active duty in the military              |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available <sup>§</sup> | No change               |
|  |      |      |      |      |      |      |      | 15.4 | 14.5 |      |      | 10.5 | 12.7 |                      |                            |                         |
| QN95: Percentage of students who are deaf or have serious difficulty hearing   |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available              | No change               |
|  |      |      |      |      |      |      |      |      |      |      |      | 2.0  | 1.4  |                      |                            |                         |
| QN96: Percentage of students who have serious difficulty seeing (even when wearing glasses)  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available              | No change               |
|  |      |      |      |      |      |      |      |      |      |      |      | 8.9  | 9.4  |                      |                            |                         |
| QN97: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem) |      |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2015-2017 | Not available              | Increased               |
|  |      |      |      |      |      |      |      |      |      |      |      | 21.4 | 28.5 |                      |                            |                         |
| QN98: Percentage of students who have serious difficulty walking or climbing stairs  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available              | No change               |
|  |      |      |      |      |      |      |      |      |      |      |      | 3.6  | 2.7  |                      |                            |                         |

\*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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| Female<br>Site-Added   | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from<br>2015-2017 †                   |           |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
|  | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |  |           |
| QN99: 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 one day during the 30 days before the survey) |                                      |      |      |      | 1.2  | 0.8  | 1.5  | 1.4  | 1.5  | 1.9  | 1.3  | 1.6  | 1.1  | 1.7            | No linear change     | No quadratic change                          | No change |
| QN106: Percentage of students who reported that the largest number of alcoholic drinks they had in a row was 10 or more drinks (within a couple of hours during the 30 days before the survey)                   |                                      |      |      |      |      |      |      |      |      |      |      | 2.4  | 1.1  | 1.7            | No linear change     | Not available <sup>§</sup>                   | No change |
| QN109: Percentage of students who have been pregnant or gotten someone pregnant (one or more times)  |                                      |      |      |      | 10.7 | 7.0  | 9.1  | 7.7  | 8.8  | 9.9  | 9.0  | 4.1  | 4.9  | 2.8            | Decreased, 1999-2017 | No change, 1999-2011<br>Decreased, 2011-2017 | No change |
| QN110: Percentage of students who have been told by a doctor or nurse that they had a sexually transmitted disease (STD)   |                                      |      |      |      |      |      |      |      | 2.9  | 4.3  | 3.7  | 1.8  | 1.9  | 3.1            | No linear change     | No quadratic change                          | 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.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Female  
Site-Added**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from<br>2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|----------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                            |
| QN111: Percentage of students who have ever given or received oral sex   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |      |      |      |      |      | 50.1 | 53.5 | 54.0 | 55.7 | 44.6 | 42.7 | 46.3 |      | Decreased, 2005-2017 | Increased, 2005-2009<br>Decreased, 2009-2017 | No change                  |
| QN114: Percentage of students who drank a caffeinated drink (such as coffee, tea, sodas, power drinks, energy drinks or other drinks with caffeine added, one or more times per day during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |      |      |      |      |      |      |      |      |      |      | 22.0 | 22.9 |      | No linear change     | Not available <sup>§</sup>                   | No change                  |
| QN117: Percentage of students who play violent video games (such as games that are rated M, 2 or more hours per week on average)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |      |      |      |      |      |      |      |      |      |      | 8.8  | 7.1  |      | No linear change     | Not available                                | No change                  |
| QN120: Percentage of students who strongly agree or agree that their parents or other adults in their family have clear rules and consequences for their behavior  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                            |
|  |      |      |      |      |      |      |      |      |      |      | 79.0 | 81.9 |      | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female  
Site-Added

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QN121: Percentage of students who reported their parents or other adults in their family talked with them about what they expect them to do or not to do when it comes to sex                               |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 67.7 | 67.8 | No linear change     | Not available <sup>§</sup> | No change               |
| QN122: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke one or more packs of cigarettes per day                            |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 73.3 | 82.8 | Increased, 2015-2017 | Not available              | Increased               |
| QN123: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they have five or more drinks of an alcoholic beverage (once or twice a week) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 75.6 | 80.0 | No linear change     | Not available              | No change               |
| QN124: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke marijuana once or twice a week                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 47.3 | 40.7 | Decreased, 2015-2017 | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Female  
Site-Added**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                            |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                            |                            |           |
| QN125: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they use prescription drugs that are not prescribed to them |      |      |      |      |      |      |      |      |      |      |      |      | 83.9           | 85.6              | No linear change           | Not available <sup>§</sup> | No change |
| QN126: Percentage of students who reported parents feel it wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      | 91.4           | 91.0              | No linear change           | Not available              | No change |
| QN127: Percentage of students who reported parents feel it wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day                               |      |      |      |      |      |      |      |      |      |      |      |      | 89.3           | 89.0              | No linear change           | Not available              | No change |
| QN128: Percentage of students who reported parents feel it wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      | 84.3           | 77.3              | Decreased, 2015-2017       | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female  
Site-Added

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QN129: Percentage of students who reported parents feel it wrong or very wrong for them to use prescription drugs (not prescribed to the student)                    |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available <sup>§</sup> | No change               |
|  |      |      |      |      |      |      | 93.0 | 94.2 |      |      |      |      |      |                      |                            |                         |
| QN131: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available              | No change               |
|  |      |      |      |      |      |      | 73.6 | 73.3 |      |      |      |      |      |                      |                            |                         |
| QN132: Percentage of students who reported friends feel it would be wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available              | No change               |
|  |      |      |      |      |      |      | 68.4 | 65.2 |      |      |      |      |      |                      |                            |                         |
| QN133: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2015-2017 | Not available              | Decreased               |
|  |      |      |      |      |      |      | 45.2 | 37.4 |      |      |      |      |      |                      |                            |                         |

\*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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Female  
Site-Added

Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from  
2015-2017 †

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN134: Percentage of students who reported friends feel it would be wrong or very wrong for them to use prescription drugs (not prescribed to the student)

83.2 84.5

No linear change

Not available<sup>§</sup>

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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

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

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                       |  |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | Decreased, 1999-2009<br>No change, 2009-2017 | No change                             |  |
|  |      |      |      | 15.2 | 13.0 | 13.4 | 5.7  | 5.4  | 3.9  | 3.5  | 3.9  | 3.8  | 2.9                        |  |                                       |  |
| QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>                   | No change                             |  |
|  |      |      |      |      |      |      |      |      |      |      | 45.2 | 39.7 | 43.9                       |  |                                       |  |
| QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change                          | No change                             |  |
|  |      |      |      | 14.5 | 14.5 | 16.1 | 16.9 | 17.4 | 16.6 | 14.4 | 16.1 | 15.2 | 15.1                       |  |                                       |  |
| QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
|  |      |      |      | 5.2  | 4.8  | 4.2  | 5.4  | 4.5  | 3.7  | 3.8  | 2.9  | 3.2  | 2.1                        |  |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

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

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |  |                                       |
| QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)    |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 8.7  | 6.1  | 4.3  | 3.9  | 4.0  | 6.2  | 3.5  | 7.7  | 3.5  | 4.4  | Decreased, 1999-2017       | Decreased, 1999-2003<br>No change, 2003-2017 | No change                             |
| QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 7.6  | 7.6  | 7.7  | 6.2  | 5.0  | 5.4  | 4.3  | 4.6  | 4.2  | 4.8  | Decreased, 1999-2017       | No quadratic change                          | No change                             |
| QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 35.3 | 32.5 | 33.7 | 28.8 | 28.8 | 26.7 | 23.9 | 19.8 | 15.1 | 16.5 | Decreased, 1999-2017       | Decreased, 1999-2009<br>Decreased, 2009-2017 | No change                             |
| QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 8.7  | 10.4 | 10.6 | 9.1  | 9.0  | 6.5  | 5.2  | 6.4  | 4.4  | 5.0  | Decreased, 1999-2017       | No quadratic change                          | No change                             |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

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

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |  |                                       |
| QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|   |      |      |      |      | 7.5  | 6.3  | 7.7  | 6.5  | 8.4  | 7.2  | 6.5  | 5.9  | 5.0  | Decreased, 2001-2017       | No change, 2001-2009<br>Decreased, 2009-2017 | 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, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|   |      |      |      |      |      |      |      |      |      |      | 8.6  | 8.1  | 4.7  | Decreased, 2013-2017       | Not available <sup>¶</sup>                   | Decreased                             |
| 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)                            |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|   |      |      |      |      |      |      |      |      |      |      | 9.0  | 7.4  | 8.1  | No linear change           | Not available                                | No change                             |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

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

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                       |  |
| QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>                   | No change                             |  |
|  |      |      |      |      |      |      |      | 18.2 | 19.3 | 21.5 | 18.9 | 15.4 |                            |  |                                       |  |
| 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) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2013-2017       | Not available                                | No change                             |  |
|  |      |      |      |      |      |      |      |      |      | 17.3 | 13.7 | 12.4 |                            |  |                                       |  |
| 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)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change                          | Increased                             |  |
|  |      |      |      | 25.1 | 24.6 | 28.0 | 27.7 | 26.2 | 24.3 | 24.0 | 23.5 | 21.6 | 26.9                       |  |                                       |  |
| QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | Decreased, 1999-2011<br>Increased, 2011-2017 | No change                             |  |
|  |      |      |      | 18.5 | 16.8 | 18.1 | 15.4 | 11.4 | 12.8 | 11.8 | 13.0 | 14.2 | 17.1                       |  |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*  
Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from 2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|------------------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |  |                                    |
| QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                    |
|  |      |      |      | 13.6 | 12.3 | 13.1 | 12.7 | 9.0  | 8.3  | 7.6  | 9.5  | 10.8 | 11.9 | Decreased, 1999-2017       | Decreased, 1999-2011<br>Increased, 2011-2017 | No change                          |
| QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                    |
|  |      |      |      | 7.5  | 6.8  | 9.3  | 7.8  | 5.6  | 6.0  | 4.6  | 6.3  | 6.5  | 5.9  | Decreased, 1999-2017       | No quadratic change                          | 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                    |
|  |      |      |      | 2.5  | 2.3  | 3.1  | 2.4  | 1.3  | 1.6  | 1.6  | 1.8  | 1.8  | 1.0  | Decreased, 1999-2017       | No quadratic change                          | No change                          |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

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

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                       |  |
| QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
|  |      |      |      | 72.4 | 66.7 | 62.5 | 56.3 | 55.9 | 48.8 | 49.0 | 41.0 | 30.9 | 27.2                       |  |                                       |  |
| QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)                |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | Decreased, 1999-2013<br>Decreased, 2013-2017 | No change                             |  |
|  |      |      |      | 39.2 | 28.4 | 28.2 | 26.5 | 26.6 | 23.2 | 23.4 | 19.3 | 11.1 | 9.3                        |  |                                       |  |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | Decreased, 1999-2013<br>Decreased, 2013-2017 | No change                             |  |
|  |      |      |      | 22.5 | 15.5 | 16.0 | 12.9 | 11.5 | 10.0 | 10.9 | 7.0  | 4.0  | 2.5                        |  |                                       |  |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)         |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
|  |      |      |      | 18.8 | 12.2 | 14.0 | 10.7 | 8.8  | 7.8  | 6.4  | 4.8  | 2.5  | 2.3                        |  |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

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

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup>        |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|--|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |  |           |
| 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)  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|   |      |      |      | 16.9 | 16.7 | 17.4 | 17.3 | 7.8  | 13.3 | 5.7  | 8.5  | 7.4  | 3.2                        | Decreased, 1999-2017          | No quadratic change                          | No change |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 41.0 | 39.7                       | No linear change              | Not available <sup>¶</sup>                   | No change |
| QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 26.4 | 15.8                       | Decreased, 2015-2017          | Not available                                | Decreased |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|   |      |      |      | 16.8 | 13.3 | 13.9 | 13.4 | 14.5 | 13.4 | 15.2 | 13.2 | 10.0 | 8.6                        | Decreased, 1999-2017          | No change, 1999-2013<br>Decreased, 2013-2017 | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*  
Tobacco Use

Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

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

|      |      |      |      |      |      |      |      |      |      |                      |  |           |
|------|------|------|------|------|------|------|------|------|------|----------------------|--|-----------|
| 44.1 | 32.9 | 31.5 | 30.8 | 30.7 | 26.7 | 28.0 | 24.9 | 15.7 | 13.3 | Decreased, 1999-2017 | Decreased, 1999-2013<br>Decreased, 2013-2017 | No change |
|------|------|------|------|------|------|------|------|------|------|----------------------|--|-----------|

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**White\***

#### Alcohol and Other Drug Use

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                       |  |
| QN40: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)                         |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | Decreased, 1999-2007<br>Decreased, 2007-2017 | No change                             |  |
| 84.9   | 82.2 | 82.5 | 80.0 | 82.0 | 75.4 | 77.0 | 68.9 | 63.2 | 63.3 |      |      |      |                            |  |                                       |  |
| QN41: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)                                    |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
| 31.9   | 28.5 | 31.8 | 27.5 | 22.8 | 22.0 | 21.2 | 18.2 | 13.8 | 15.4 |      |      |      |                            |  |                                       |  |
| QN42: 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) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No change, 1999-2007<br>Decreased, 2007-2017 | No change                             |  |
| 53.5   | 52.7 | 52.6 | 50.6 | 54.5 | 49.0 | 46.5 | 42.6 | 34.7 | 33.2 |      |      |      |                            |  |                                       |  |
| QN46: Percentage of students who ever used marijuana (one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
| 50.0   | 46.9 | 49.5 | 44.0 | 46.1 | 43.3 | 45.9 | 43.3 | 37.2 | 41.5 |      |      |      |                            |  |                                       |  |
| QN47: Percentage of students who tried marijuana for the first time before age 13 years  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
| 12.8   | 11.3 | 14.4 | 11.1 | 8.6  | 11.1 | 9.3  | 8.1  | 6.8  | 6.2  |      |      |      |                            |  |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**White\***

**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                       |  |
| QN48: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)                                   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
| 30.8   | 26.8 | 28.6 | 25.6 | 27.2 | 27.2 | 29.3 | 26.4 | 20.9 | 22.7 |      |      |      |                            |  |                                       |  |
| QN49: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No change, 1999-2005<br>Decreased, 2005-2017 | No change                             |  |
| 8.6  | 7.7  | 9.9  | 8.5  | 8.1  | 6.9  | 5.7  | 4.5  | 4.2  | 3.3  |      |      |      |                            |  |                                       |  |
| QN51: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)               |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
| 3.5  | 2.7  | 2.6  | 3.3  | 2.2  | 1.8  | 2.8  | 3.3  | 1.8  | 1.5  |      |      |      |                            |  |                                       |  |
| QN52: Percentage of students who ever used methamphetamines (also called "speed," "crystal," "crank," or "ice," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No change, 1999-2003<br>Decreased, 2003-2017 | No change                             |  |
| 8.2  | 8.5  | 8.5  | 7.6  | 4.9  | 3.8  | 3.5  | 2.8  | 2.1  | 1.5  |      |      |      |                            |  |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

White\*

Alcohol and Other Drug Use

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|--|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |  |
| QN53: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2003-2017       | No quadratic change           | No change                             |  |
|   |      |      |      |      |      | 12.3 | 8.6  | 6.6  | 7.4  | 8.0  | 5.6  | 4.7  | 3.3                        |                               |                                       |  |
| QN54: Percentage of students who ever used synthetic marijuana (also called "K2," "Spice," "fake weed," "King Kong," "Yucatan Fire," "Skunk," or "Moon Rocks," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>    | No change                             |  |
|   |      |      |      |      |      |      |      |      |      |      | 6.3  | 5.5  |                            |                               |                                       |  |
| QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change           | No change                             |  |
|   |      |      |      | 3.7  | 5.0  | 5.2  | 4.2  | 3.5  | 2.8  | 3.2  | 3.2  | 1.7  | 2.1                        |                               |                                       |  |
| QN57: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)                                     |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change           | No change                             |  |
|   |      |      |      | 2.4  | 1.8  | 1.8  | 2.6  | 1.8  | 2.0  | 1.9  | 2.1  | 1.5  | 1.5                        |                               |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.



2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*

Alcohol and Other Drug Use

Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN58: Percentage of students who were offered, sold, or given an illegal drug on school property  
(during the 12 months before the survey)

|      |      |      |      |      |      |      |      |      |      |                      |  |           |
|------|------|------|------|------|------|------|------|------|------|----------------------|--|-----------|
| 31.2 | 29.3 | 31.7 | 27.8 | 26.8 | 23.4 | 22.7 | 20.1 | 16.7 | 16.7 | Decreased, 1999-2017 | No change, 1999-2003<br>Decreased, 2003-2017 | No change |
|------|------|------|------|------|------|------|------|------|------|----------------------|--|-----------|

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*  
Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup>           |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|--|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |  |           |
| QN59: Percentage of students who ever had sexual intercourse   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      | 49.0 | 47.1 | 51.2 | 49.7 | 53.7 | 51.7 | 55.7 | 46.8 | 40.4 | 42.3                       | Decreased, 1999-2017          | Increased, 1999-2011<br>Decreased, 2011-2017 | No change |
| QN60: Percentage of students who had sexual intercourse for the first time before age 13 years   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      | 5.4  | 5.3  | 8.2  | 6.9  | 4.0  | 5.6  | 4.0  | 3.3  | 2.7  | 1.5                        | Decreased, 1999-2017          | Increased, 1999-2003<br>Decreased, 2003-2017 | Decreased |
| QN61: Percentage of students who had sexual intercourse with four or more persons during their life  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      | 14.6 | 12.6 | 14.9 | 14.8 | 15.6 | 15.0 | 19.6 | 12.4 | 8.3  | 8.9                        | Decreased, 1999-2017          | Increased, 1999-2011<br>Decreased, 2011-2017 | No change |
| QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      | 36.1 | 36.6 | 38.7 | 36.9 | 42.0 | 40.9 | 42.2 | 33.6 | 28.9 | 32.5                       | Decreased, 1999-2017          | Increased, 1999-2009<br>Decreased, 2009-2017 | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

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### Delaware High School Survey Trend Analysis Report

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

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |  |                                       |
| QN63: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)                    |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 24.2 | 23.7 | 26.3 | 24.1 | 24.3 | 24.8 | 22.4 | 21.9 | 22.8 | 23.1 | No linear change           | No quadratic change                          | No change                             |
| QN64: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)                                  |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 57.9 | 59.1 | 58.5 | 61.7 | 69.0 | 61.9 | 56.5 | 63.3 | 55.8 | 55.0 | No linear change           | Increased, 1999-2007<br>Decreased, 2007-2017 | No change                             |
| QN85: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)                           |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      |      |      |      |      |      |      |      |      | 9.3  | 10.4 | No linear change           | Not available <sup>¶</sup>                   | No change                             |
| QN65: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 21.6 | 26.4 | 22.8 | 23.2 | 21.7 | 26.3 | 26.5 | 27.1 | 24.6 | 27.0 | No linear change           | No quadratic change                          | No change                             |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
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White\*  
Sexual Behaviors

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup> |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|------------------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                    |           |
| QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|   |      |      |      |      |      |      |      | 2.1  | 5.7  | 6.2  |      |      |                            | Increased, 2013-2017          | Not available <sup>¶</sup>         | No change |
| QNSHPARG: Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|   |      |      |      |      |      |      |      | 3.8  | 5.0  | 5.4  |      |      |                            | No linear change              | Not available                      | No change |
| QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|   |      |      |      |      |      |      |      | 33.0 | 35.3 | 38.5 |      |      |                            | No linear change              | Not available                      | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

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Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from 2015-2017 <sup>§</sup> |     |     |      |     |     |      |  |  |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|------------------------------------|-----|-----|------|-----|-----|------|--|--|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                    |     |     |      |     |     |      |  |  |  |
| QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>                   | No change                          |     |     |      |     |     |      |  |  |  |
|  |      |      |      |      |      |      |      |      |      |      | 12.4 | 9.8  | 13.0                       |  |                                    |     |     |      |     |     |      |  |  |  |
| QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No change, 1999-2013<br>Increased, 2013-2017 | No change                          |     |     |      |     |     |      |  |  |  |
|  |      |      |      |      |      |      |      |      |      |      |      | 12.8 | 7.9                        | 9.9  | 9.3                                | 8.0 | 7.1 | 11.6 | 5.7 | 7.9 | 13.4 |  |  |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**White\***

#### Weight Management and Dietary Behaviors

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |           |
| QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>¶</sup> |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |           |
|   |      |      |      | 12.3 | 13.3 | 14.1 | 14.0 | 14.1 | 13.2 | 16.2 | 13.6 | 13.7 | 15.6                       | Increased, 1999-2017          | No quadratic change                   | No change |
| QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>¶</sup>                           |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |           |
|   |      |      |      | 8.0  | 8.6  | 12.7 | 11.6 | 10.9 | 11.1 | 10.0 | 13.0 | 14.7 | 13.4                       | Increased, 1999-2017          | No quadratic change                   | No change |
| QN68: Percentage of students who described themselves as slightly or very overweight  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |           |
|   |      |      |      | 29.7 | 31.3 | 34.0 | 32.7 | 27.2 | 27.6 | 29.1 | 31.0 | 32.4 | 31.6                       | No linear change              | No quadratic change                   | No change |
| QN69: Percentage of students who were trying to lose weight   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |           |
|   |      |      |      | 42.7 | 45.4 | 46.5 | 46.1 | 43.9 | 43.8 | 48.6 | 48.5 | 46.8 | 45.3                       | Increased, 1999-2017          | No quadratic change                   | No change |
| QN76: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)                     |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |           |
|   |      |      |      |      |      |      |      | 18.6 | 20.2 | 21.3 | 24.2 | 30.9 | 32.4                       | Increased, 2007-2017          | No quadratic change                   | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

White\*

#### Weight Management and Dietary Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |  |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017       | No quadratic change           | No change                             |  |
|  |      |      |      |      |      |      | 33.3 | 28.0 | 25.6 | 22.3 | 17.2 | 19.4 |                            |                               |                                       |  |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017       | No quadratic change           | No change                             |  |
|  |      |      |      |      |      |      | 24.9 | 19.9 | 19.4 | 14.7 | 9.2  | 12.1 |                            |                               |                                       |  |
| QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three 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) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017       | No quadratic change           | No change                             |  |
|  |      |      |      |      |      |      | 14.6 | 11.8 | 11.2 | 7.2  | 5.6  | 5.4  |                            |                               |                                       |  |
| QN78: Percentage of students who did not eat breakfast (during the 7 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2009-2017       | Not available <sup>¶</sup>    | No change                             |  |
|  |      |      |      |      |      |      | 14.3 | 12.0 | 11.2 | 11.2 | 10.6 |      |                            |                               |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

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

37.8 35.1 40.9 43.7 39.1 Increased, 2009-2017 Not available<sup>¶</sup> No change

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.



2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*  
Physical Activity

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from 2015-2017 <sup>§</sup> |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|------------------------------------|--|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                    |  |
| QN79: 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)                  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>                   | No change                          |  |
|   |      |      |      |      |      |      |      | 45.8 | 43.3 | 47.2 | 47.6 |      |                            |  |                                    |  |
| 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) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                                | No change                          |  |
|   |      |      |      |      |      |      |      | 10.6 | 15.7 | 15.2 | 11.6 |      |                            |  |                                    |  |
| QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)                  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                                | No change                          |  |
|   |      |      |      |      |      |      |      | 26.0 | 23.7 | 25.6 | 27.7 |      |                            |  |                                    |  |
| QN80: Percentage of students who watched television 3 or more hours per day (on an average school day)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | Decreased, 1999-2011<br>Decreased, 2011-2017 | No change                          |  |
|   |      |      |      | 32.4 | 29.4 | 35.7 | 33.0 | 26.4 | 28.3 | 29.4 | 26.4 | 19.7 | 18.4                       |  |                                    |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*

Physical Activity

Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)

26.2 24.1 28.3 37.4 32.8 44.2 Increased, 2007-2017 No quadratic change Increased

QN83: 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)

58.2 58.6 55.5 56.1 57.7 57.1 58.5 57.2 55.9 52.6 No linear change No quadratic change No change

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

| White*<br>Other   | Health Risk Behavior and Percentages |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |                  |               |           |      |                      |                     |           |
|---|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|------------------|---------------|-----------|------|----------------------|---------------------|-----------|
|   | 1991                                 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                            |                               |                                       | 2017             |               |           |      |                      |                     |           |
| QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma                                   |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |                  |               |           |      |                      |                     |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      | 22.1 | 23.6 | 21.8                       | No linear change              | Not available <sup>¶</sup>            | No change        |               |           |      |                      |                     |           |
| QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)                                      |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |                  |               |           |      |                      |                     |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      | 27.2 | 28.5 | 28.0                       | 24.1                          | 26.2                                  | No linear change | Not available | No change |      |                      |                     |           |
| QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey) |                                      |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |                  |               |           |      |                      |                     |           |
|   |                                      |      |      |      |      |      |      |      |      |      |      | 67.3 | 64.8 | 62.2                       | 64.4                          | 68.0                                  | 67.2             | 72.2          | 75.9      | 71.0 | Increased, 2001-2017 | No quadratic change | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

White\*  
Site-Added

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |  |
| QN94: Percentage of students who reported that either of their parents or other adults in their family are serving on active duty in the military              |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2011-2017       | Not available <sup>¶</sup>    | Increased                             |  |
|  |      |      |      |      |      |      |      | 13.3 |      | 13.8 |      | 6.8  | 11.4                       |                               |                                       |  |
| QN95: Percentage of students who are deaf or have serious difficulty hearing   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                             |  |
|  |      |      |      |      |      |      |      |      |      |      |      | 1.0  | 1.5                        |                               |                                       |  |
| QN96: Percentage of students who have serious difficulty seeing (even when wearing glasses)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                             |  |
|  |      |      |      |      |      |      |      |      |      |      |      | 4.8  | 5.0                        |                               |                                       |  |
| QN97: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem) |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2015-2017       | Not available                 | Increased                             |  |
|  |      |      |      |      |      |      |      |      |      |      |      | 18.8 | 23.8                       |                               |                                       |  |
| QN98: Percentage of students who have serious difficulty walking or climbing stairs  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                             |  |
|  |      |      |      |      |      |      |      |      |      |      |      | 1.2  | 1.5                        |                               |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

| White*<br>Site-Added   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|
| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |                               |                                       |
| QN99: 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 one day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change           | No change                             |
| QN106: Percentage of students who reported that the largest number of alcoholic drinks they had in a row was 10 or more drinks (within a couple of hours during the 30 days before the survey)                   |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2013-2017       | Not available <sup>¶</sup>    | No change                             |
| QN109: Percentage of students who have been pregnant or gotten someone pregnant (one or more times)  |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change           | No change                             |
| QN110: Percentage of students who have been told by a doctor or nurse that they had a sexually transmitted disease (STD)   |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change           | No change                             |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*  
Site-Added

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup>           |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|--|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |  |           |
| QN111: Percentage of students who have ever given or received oral sex   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      | 55.3 | 57.8 | 55.9 | 58.5 | 49.7 | 44.0 | 46.0 |                            | Decreased, 2005-2017          | No change, 2005-2009<br>Decreased, 2009-2017 | No change |
| QN114: Percentage of students who drank a caffeinated drink (such as coffee, tea, sodas, power drinks, energy drinks or other drinks with caffeine added, one or more times per day during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 29.7 | 27.7 |                            | No linear change              | Not available <sup>¶</sup>                   | No change |
| QN117: Percentage of students who play violent video games (such as games that are rated M, 2 or more hours per week on average)   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 32.6 | 33.7 |                            | No linear change              | Not available                                | No change |
| QN120: Percentage of students who strongly agree or agree that their parents or other adults in their family have clear rules and consequences for their behavior  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 80.0 | 80.8 |                            | No linear change              | Not available                                | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*  
Site-Added

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup> |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|------------------------------------|--|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                    |  |
| QN121: Percentage of students who reported their parents or other adults in their family talked with them about what they expect them to do or not to do when it comes to sex                               |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>    | No change                          |  |
|   |      |      |      |      |      |      | 60.3 | 60.1 |      |      |      |      |                            |                               |                                    |  |
| QN122: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke one or more packs of cigarettes per day                            |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2015-2017       | Not available                 | Increased                          |  |
|   |      |      |      |      |      |      | 76.0 | 81.1 |      |      |      |      |                            |                               |                                    |  |
| QN123: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they have five or more drinks of an alcoholic beverage (once or twice a week) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                          |  |
|   |      |      |      |      |      |      | 72.7 | 71.4 |      |      |      |      |                            |                               |                                    |  |
| QN124: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke marijuana once or twice a week                                     |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2015-2017       | Not available                 | Decreased                          |  |
|   |      |      |      |      |      |      | 44.1 | 36.9 |      |      |      |      |                            |                               |                                    |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**White\*  
Site-Added**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |                            |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |                            |           |
| QN125: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they use prescription drugs that are not prescribed to them |      |      |      |      |      |      |      |      |      |      |      |      | 84.9                       | 84.1                          | No linear change                      | Not available <sup>¶</sup> | No change |
| QN126: Percentage of students who reported parents feel it wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      | 90.0                       | 85.9                          | Decreased, 2015-2017                  | Not available              | No change |
| QN127: Percentage of students who reported parents feel it wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day                               |      |      |      |      |      |      |      |      |      |      |      |      | 85.5                       | 84.7                          | No linear change                      | Not available              | No change |
| QN128: Percentage of students who reported parents feel it wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      | 81.2                       | 73.7                          | Decreased, 2015-2017                  | Not available              | Decreased |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**White\*  
Site-Added**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |                            |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|----------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |                            |           |
| QN129: Percentage of students who reported parents feel it wrong or very wrong for them to use prescription drugs (not prescribed to the student)                    |      |      |      |      |      |      |      |      |      |      |      |      | 94.2                       | 92.9                          | No linear change                      | Not available <sup>¶</sup> | No change |
| QN131: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      | 69.5                       | 67.0                          | No linear change                      | Not available              | No change |
| QN132: Percentage of students who reported friends feel it would be wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day |      |      |      |      |      |      |      |      |      |      |      |      | 64.8                       | 58.5                          | Decreased, 2015-2017                  | Not available              | Decreased |
| QN133: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      | 43.6                       | 36.1                          | Decreased, 2015-2017                  | Not available              | Decreased |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

White\*  
Site-Added

Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN134: Percentage of students who reported friends feel it would be wrong or very wrong for them to use prescription drugs (not prescribed to the student)

82.1 81.9

No linear change

Not available<sup>¶</sup>

No change

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***  
**Injury and Violence**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup>           |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|--|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |  |           |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      | 20.2 | 19.0 | 18.2 | 11.1 | 7.7  | 8.3  | 6.8  | 8.9  | 8.2  | 7.6                        | Decreased, 1999-2017          | Decreased, 1999-2009<br>No change, 2009-2017 | 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) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 34.1 | 29.0 | 44.8                       | Increased, 2013-2017          | Not available <sup>¶</sup>                   | Increased |
| QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      | 15.7 | 13.0 | 15.8 | 15.6 | 14.2 | 16.3 | 10.8 | 12.5 | 10.3 | 10.9                       | Decreased, 1999-2017          | No quadratic change                          | No change |
| QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      | 6.8  | 6.5  | 5.9  | 6.3  | 5.2  | 5.4  | 5.7  | 2.1  | 4.5  | 3.6                        | Decreased, 1999-2017          | No quadratic change                          | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\*  
Injury and Violence**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |  |                                       |
| QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)    |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 10.8 | 6.4  | 4.8  | 4.5  | 5.2  | 6.3  | 4.4  | 7.4  | 5.8  | 5.0  | No linear change           | Decreased, 1999-2003<br>No change, 2003-2017 | No change                             |
| QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 9.5  | 7.7  | 7.4  | 5.7  | 4.8  | 8.5  | 7.5  | 5.3  | 8.5  | 7.8  | No linear change           | No quadratic change                          | No change                             |
| QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 41.7 | 37.2 | 37.2 | 34.7 | 36.8 | 33.0 | 34.4 | 33.3 | 26.5 | 24.9 | Decreased, 1999-2017       | No quadratic change                          | No change                             |
| QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 17.3 | 15.3 | 12.1 | 11.3 | 11.5 | 10.2 | 13.8 | 14.4 | 11.0 | 13.3 | No linear change           | Decreased, 1999-2005<br>No change, 2005-2017 | No change                             |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***  
**Injury and Violence**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |                               |                                       |
| QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)   |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change           | No change                             |
|   |      |      |      | 8.8  | 9.8  | 6.7  | 6.8  | 11.4 | 8.6  | 7.7  | 7.6  | 6.4  |      |                            |                               |                                       |
| QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2013-2017       | Not available <sup>¶</sup>    | No change                             |
|   |      |      |      |      |      |      |      |      |      | 9.6  | 5.3  | 3.9  |      |                            |                               |                                       |
| 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)                            |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                             |
|   |      |      |      |      |      |      |      |      |      | 8.7  | 9.1  | 12.8 |      |                            |                               |                                       |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*  
Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from 2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                    |  |
| QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>                   | No change                          |  |
|  |      |      |      |      |      |      |      | 10.5 | 11.9 | 15.3 | 12.9 | 13.2 |                            |  |                                    |  |
| 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) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                                | No change                          |  |
|  |      |      |      |      |      |      |      |      |      | 9.2  | 8.1  | 7.6  |                            |  |                                    |  |
| 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)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change                          | Increased                          |  |
|  |      |      |      | 27.0 | 28.2 | 24.8 | 25.0 | 25.7 | 26.1 | 26.5 | 19.9 | 22.6 | 28.8                       |  |                                    |  |
| QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 1999-2017       | No change, 1999-2005<br>Increased, 2005-2017 | No change                          |  |
|  |      |      |      | 10.7 | 12.5 | 9.9  | 8.4  | 8.7  | 11.2 | 12.6 | 11.1 | 11.9 | 15.4                       |  |                                    |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*  
Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|------------------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |                               |                                    |
| QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |
|  |      |      |      | 7.4  | 9.5  | 8.4  | 7.9  | 7.2  | 8.6  | 10.7 | 8.6  | 9.8  | 11.7 | Increased, 1999-2017       | No quadratic change           | No change                          |
| QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |
|  |      |      |      | 4.5  | 6.2  | 6.3  | 5.2  | 5.5  | 9.4  | 8.7  | 6.3  | 8.5  | 9.0  | Increased, 1999-2017       | No quadratic change           | 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |
|  |      |      |      | 0.5  | 1.5  | 1.3  | 1.6  | 2.3  | 2.3  | 1.8  | 1.8  | 2.2  | 3.7  | Increased, 1999-2017       | No quadratic change           | No change                          |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\*  
Tobacco Use**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                       |  |
| QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | Decreased, 1999-2011<br>Decreased, 2011-2017 | Decreased                             |  |
| 66.7   | 62.7 | 62.2 | 53.4 | 44.2 | 45.0 | 39.9 | 30.9 | 28.1 | 16.6 |      |      |      |                            |  |                                       |  |
| QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)                |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | Decreased, 1999-2013<br>Decreased, 2013-2017 | Decreased                             |  |
| 17.7   | 12.7 | 14.4 | 11.0 | 8.5  | 12.9 | 10.9 | 6.8  | 8.0  | 2.0  |      |      |      |                            |  |                                       |  |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
| 6.9  | 5.2  | 4.5  | 3.1  | 2.6  | 4.3  | 3.6  | 2.1  | 3.7  | 1.0  |      |      |      |                            |  |                                       |  |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)         |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |  |
| 5.7  | 3.7  | 3.3  | 2.6  | 2.1  | 3.5  | 2.5  | 1.7  | 3.1  | 1.0  |      |      |      |                            |  |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***

**Tobacco Use**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |                            |           |      |      |      |      |     |                      |                     |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|----------------------------|-----------|------|------|------|------|-----|----------------------|---------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |                            |           |      |      |      |      |     |                      |                     |           |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])  |      |      |      |      |      |      |      |      |      |      |      |      | 39.1                       | 34.7                          | No linear change                      | Not available <sup>¶</sup> | No change |      |      |      |      |     |                      |                     |           |
| QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | 18.7                       | 11.3                          | Decreased, 2015-2017                  | Not available              | Decreased |      |      |      |      |     |                      |                     |           |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | 10.6                       | 10.1                          | 8.9                                   | 6.6                        | 7.7       | 8.7  | 9.5  | 11.4 | 10.1 | 5.1 | No linear change     | No quadratic change | Decreased |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      | 22.4                       | 18.4                          | 18.2                                  | 14.5                       | 13.1      | 17.8 | 16.5 | 15.8 | 14.1 | 5.8 | Decreased, 1999-2017 | No quadratic change | Decreased |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***

**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |  |                                       |
| QN40: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)                         |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |
| 72.3   | 67.9 | 69.9 | 68.4 | 66.0 | 64.2 | 64.9 | 59.6 | 50.4 | 54.2 |      |      |      |      |                            |  |                                       |
| QN41: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)                                    |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |
| 28.4   | 25.8 | 25.9 | 26.9 | 24.7 | 21.6 | 19.0 | 21.0 | 15.4 | 17.0 |      |      |      |      |                            |  |                                       |
| QN42: 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) |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No change, 1999-2011<br>Decreased, 2011-2017 | No change                             |
| 32.2   | 30.7 | 31.9 | 29.6 | 29.2 | 38.5 | 32.1 | 27.3 | 24.2 | 23.0 |      |      |      |      |                            |  |                                       |
| QN46: Percentage of students who ever used marijuana (one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Decreased, 1999-2007<br>Increased, 2007-2017 | No change                             |
| 49.2   | 49.6 | 49.0 | 40.1 | 42.1 | 43.5 | 46.4 | 43.5 | 49.0 | 48.9 |      |      |      |      |                            |  |                                       |
| QN47: Percentage of students who tried marijuana for the first time before age 13 years  |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No quadratic change                          | No change                             |
| 11.1   | 13.4 | 11.7 | 11.6 | 10.1 | 11.2 | 11.2 | 11.4 | 8.5  | 8.5  |      |      |      |      |                            |  |                                       |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***

**Alcohol and Other Drug Use**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |  |
| QN48: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)                                   |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 1999-2017       | No quadratic change           | No change                             |  |
|  |      |      |      | 25.0 | 25.1 | 26.5 | 18.1 | 23.4 | 25.8 | 26.7 | 26.0 | 26.8 | 29.6                       |                               |                                       |  |
| QN49: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change           | No change                             |  |
|  |      |      |      | 2.0  | 1.8  | 2.2  | 1.8  | 1.9  | 2.9  | 3.5  | 2.9  | 2.8  | 1.9                        |                               |                                       |  |
| QN51: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)               |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 1999-2017       | No quadratic change           | No change                             |  |
|  |      |      |      | 1.1  | 1.3  | 1.1  | 0.6  | 1.1  | 2.0  | 1.9  | 2.2  | 2.6  | 1.1                        |                               |                                       |  |
| QN52: Percentage of students who ever used methamphetamines (also called "speed," "crystal," "crank," or "ice," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change           | No change                             |  |
|  |      |      |      | 1.3  | 2.1  | 1.2  | 1.2  | 1.2  | 2.3  | 2.2  | 2.4  | 1.9  | 1.4                        |                               |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*

Alcohol and Other Drug Use

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup> |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|------------------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                    |           |
| QN53: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|   |      |      |      |      |      | 3.7  | 2.4  | 2.9  | 2.7  | 3.9  | 3.7  | 3.7  | 2.1                        | No linear change              | No quadratic change                | No change |
| QN54: Percentage of students who ever used synthetic marijuana (also called "K2," "Spice," "fake weed," "King Kong," "Yucatan Fire," "Skunk," or "Moon Rocks," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 6.2  | 4.0                        | No linear change              | Not available <sup>¶</sup>         | No change |
| QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|   |      |      |      | 2.0  | 2.6  | 1.6  | 1.3  | 1.7  | 2.3  | 3.3  | 2.7  | 2.7  | 2.7                        | No linear change              | No quadratic change                | No change |
| QN57: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)                                     |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|   |      |      |      | 1.0  | 0.7  | 0.9  | 0.7  | 0.9  | 2.1  | 2.0  | 1.9  | 2.4  | 1.0                        | Increased, 1999-2017          | No quadratic change                | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*

Alcohol and Other Drug Use

Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN58: Percentage of students who were offered, sold, or given an illegal drug on school property  
(during the 12 months before the survey)

25.4 19.9 20.9 22.5 17.8 16.1 18.2 17.3 11.6 14.2 Decreased, 1999-2017 No quadratic change No change

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***  
**Sexual Behaviors**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from 2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|------------------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |  |                                    |
| QN59: Percentage of students who ever had sexual intercourse   |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                    |
|  |      |      |      | 70.5 | 68.4 | 72.3 | 66.9 | 71.3 | 67.8 | 67.4 | 56.0 | 58.7 | 49.4 | Decreased, 1999-2017       | No change, 1999-2011<br>Decreased, 2011-2017 | No change                          |
| QN60: Percentage of students who had sexual intercourse for the first time before age 13 years   |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                    |
|  |      |      |      | 22.3 | 18.5 | 18.3 | 17.7 | 15.9 | 14.8 | 15.7 | 11.1 | 14.4 | 6.4  | Decreased, 1999-2017       | No quadratic change                          | Decreased                          |
| QN61: Percentage of students who had sexual intercourse with four or more persons during their life  |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                    |
|  |      |      |      | 34.0 | 25.3 | 33.1 | 27.3 | 32.1 | 32.5 | 25.6 | 21.8 | 21.8 | 17.8 | Decreased, 1999-2017       | No change, 1999-2009<br>Decreased, 2009-2017 | No change                          |
| QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                    |
|  |      |      |      | 51.4 | 47.4 | 53.2 | 44.1 | 52.8 | 49.9 | 45.7 | 37.5 | 40.6 | 33.8 | Decreased, 1999-2017       | No change, 1999-2009<br>Decreased, 2009-2017 | No change                          |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***  
**Sexual Behaviors**

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                            |  |                                       |
| QN63: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)                    |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 18.2 | 16.7 | 19.9 | 15.5 | 12.7 | 20.6 | 16.0 | 22.7 | 23.3 | 16.4 | No linear change           | No quadratic change                          | No change                             |
| QN64: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)                                  |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 70.9 | 69.4 | 70.2 | 67.2 | 71.2 | 65.8 | 63.9 | 60.1 | 59.9 | 51.3 | Decreased, 1999-2017       | No change, 1999-2007<br>Decreased, 2007-2017 | No change                             |
| QN85: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)                           |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      |      |      |      |      |      |      |      |      | 16.9 | 17.3 | No linear change           | Not available <sup>¶</sup>                   | No change                             |
| QN65: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |  |                                       |
|  |      |      |      | 7.8  | 9.4  | 9.8  | 8.7  | 9.0  | 9.8  | 12.3 | 10.2 | 8.4  | 12.6 | No linear change           | No quadratic change                          | No change                             |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***  
**Sexual Behaviors**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|--|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |  |
| QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>    | No change                             |  |
| QNSHPARG: Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                             |  |
| QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                             |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.



2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*  
Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup> |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|------------------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                    |           |
| QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|  |      |      |      |      |      |      |      |      |      |      | 5.1  | 3.9  | 4.2                        | No linear change              | Not available <sup>¶</sup>         | No change |
| QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                    |           |
|  |      |      |      | 13.3 | 12.9 | 13.0 | 13.5 | 12.0 | 13.5 | 16.7 | 19.4 | 17.1 | 23.2                       | Increased, 1999-2017          | No quadratic change                | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Black\*

#### Weight Management and Dietary Behaviors

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|--|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |  |
| QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>¶</sup> |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change           | No change                             |  |
|   |      |      |      | 17.3 | 20.5 | 21.5 | 17.7 | 20.6 | 18.3 | 18.9 | 20.6 | 17.5 | 19.4                       |                               |                                       |  |
| QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>¶</sup>                           |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change           | No change                             |  |
|   |      |      |      | 13.9 | 15.5 | 14.5 | 17.8 | 16.2 | 16.4 | 14.7 | 16.1 | 19.6 | 18.0                       |                               |                                       |  |
| QN68: Percentage of students who described themselves as slightly or very overweight  |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 1999-2017       | No quadratic change           | No change                             |  |
|   |      |      |      | 26.6 | 26.8 | 25.8 | 28.8 | 22.9 | 26.5 | 26.6 | 30.8 | 30.0 | 32.2                       |                               |                                       |  |
| QN69: Percentage of students who were trying to lose weight   |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 1999-2017       | No quadratic change           | No change                             |  |
|   |      |      |      | 37.0 | 40.1 | 33.5 | 39.2 | 36.6 | 39.1 | 42.7 | 43.7 | 39.8 | 44.2                       |                               |                                       |  |
| QN76: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)                     |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2007-2017       | No quadratic change           | No change                             |  |
|   |      |      |      |      |      |      |      | 19.6 | 19.1 | 22.4 | 25.6 | 27.4 | 31.4                       |                               |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*

Weight Management and Dietary Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                    |  |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017       | No quadratic change           | No change                          |  |
|  |      |      |      |      |      |      | 30.4 | 32.4 | 27.6 | 23.4 | 21.2 | 16.9 |                            |                               |                                    |  |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017       | No quadratic change           | No change                          |  |
|  |      |      |      |      |      |      | 24.5 | 25.5 | 21.2 | 18.2 | 14.9 | 12.2 |                            |                               |                                    |  |
| QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three 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) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2007-2017       | No quadratic change           | No change                          |  |
|  |      |      |      |      |      |      | 16.3 | 17.8 | 14.6 | 11.9 | 9.5  | 7.9  |                            |                               |                                    |  |
| QN78: Percentage of students who did not eat breakfast (during the 7 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>    | No change                          |  |
|  |      |      |      |      |      |      | 12.9 | 15.4 | 13.2 | 14.5 | 11.0 |      |                            |                               |                                    |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

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

29.9 30.1 39.8 33.9 36.0 Increased, 2009-2017 Not available<sup>¶</sup> No change

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

**Black\***

**Physical Activity**

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |      |                  |                            |           |      |      |      |                      |  |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|------|------------------|----------------------------|-----------|------|------|------|----------------------|--|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |      |                  |                            |           |      |      |      |                      |  |           |
| QN79: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)                  |      |      |      |      |      |      |      |      |      |      |      |      | 40.2                       | 35.9                          | 37.3                                  | 40.4 | No linear change | Not available <sup>¶</sup> | 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) |      |      |      |      |      |      |      |      |      |      |      |      | 26.1                       | 26.6                          | 24.6                                  | 23.3 | 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)                  |      |      |      |      |      |      |      |      |      |      |      |      | 24.0                       | 21.0                          | 23.6                                  | 22.4 | No linear change | Not available              | No change |      |      |      |                      |  |           |
| QN80: Percentage of students who watched television 3 or more hours per day (on an average school day)  |      |      |      |      |      |      |      |      |      |      |      |      | 67.8                       | 64.7                          | 67.3                                  | 66.7 | 60.0             | 55.6                       | 50.3      | 45.9 | 41.8 | 32.2 | Decreased, 1999-2017 | No change, 1999-2005<br>Decreased, 2005-2017 | Decreased |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*

Physical Activity

Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)

28.9 31.3 41.9 42.0 38.4 47.8 Increased, 2007-2017 No quadratic change Increased

QN83: 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)

54.4 51.0 50.2 56.1 54.4 49.6 54.3 56.8 53.5 57.2 No linear change No quadratic change No change

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

| Black*<br>Other | Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |                      |               |           |      |                      |                     |           |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|----------------------|---------------|-----------|------|----------------------|---------------------|-----------|
|                 | 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                            |                               |                                       | 2017                 |               |           |      |                      |                     |           |
|                 | QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma                                   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |                      |               |           |      |                      |                     |           |
|                 |   |      |      |      |      |      |      |      |      |      |      | 32.6 | 28.9 | 27.3                       | No linear change              | Not available <sup>¶</sup>            | No change            |               |           |      |                      |                     |           |
|                 | QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)                                      |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |                      |               |           |      |                      |                     |           |
|                 |   |      |      |      |      |      |      |      |      |      |      | 26.6 | 24.8 | 25.7                       | 25.8                          | 19.6                                  | Decreased, 2009-2017 | Not available | Decreased |      |                      |                     |           |
|                 | QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |                                       |                      |               |           |      |                      |                     |           |
|                 |   |      |      |      |      |      |      |      |      |      |      | 45.1 | 42.9 | 48.0                       | 46.2                          | 51.4                                  | 53.2                 | 59.3          | 58.5      | 59.4 | Increased, 2001-2017 | No quadratic change | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Black\*  
Site-Added

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                    |  |
| QN94: Percentage of students who reported that either of their parents or other adults in their family are serving on active duty in the military              |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>    | No change                          |  |
| QN95: Percentage of students who are deaf or have serious difficulty hearing   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                          |  |
| QN96: Percentage of students who have serious difficulty seeing (even when wearing glasses)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                          |  |
| QN97: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem) |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2015-2017       | Not available                 | Increased                          |  |
| QN98: Percentage of students who have serious difficulty walking or climbing stairs  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                          |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

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| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup>                | Change from<br>2015-2017 <sup>§</sup> |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|--|---------------------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |  |                                       |  |
| QN99: 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 one day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change                          | No change                             |  |
|  |      |      |      | 5.9  | 5.1  | 7.6  | 6.0  | 5.6  | 6.6  | 3.9  | 5.7  | 5.4  | 7.7                        |  |                                       |  |
| QN106: Percentage of students who reported that the largest number of alcoholic drinks they had in a row was 10 or more drinks (within a couple of hours during the 30 days before the survey)                   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>                   | No change                             |  |
|  |      |      |      |      |      |      |      |      |      | 2.0  | 1.0  | 0.9  |                            |  |                                       |  |
| QN109: Percentage of students who have been pregnant or gotten someone pregnant (one or more times)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017       | No change, 1999-2009<br>Decreased, 2009-2017 | Decreased                             |  |
|  |      |      |      | 12.8 | 10.2 | 13.9 | 11.6 | 11.1 | 15.6 | 10.1 | 5.9  | 10.2 | 3.6                        |  |                                       |  |
| QN110: Percentage of students who have been told by a doctor or nurse that they had a sexually transmitted disease (STD)   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | No quadratic change                          | No change                             |  |
|  |      |      |      |      |      |      |      | 3.7  | 4.7  | 4.8  | 2.7  | 2.6  | 4.2                        |  |                                       |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
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| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup>           |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|--|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |  |           |
| QN111: Percentage of students who have ever given or received oral sex   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      | 53.1 | 58.2 | 57.2 | 60.1 | 48.8 | 51.7 | 46.5 |                            | Decreased, 2005-2017          | No change, 2005-2011<br>Decreased, 2011-2017 | No change |
| QN114: Percentage of students who drank a caffeinated drink (such as coffee, tea, sodas, power drinks, energy drinks or other drinks with caffeine added, one or more times per day during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 17.8 | 16.3 |                            | No linear change              | Not available <sup>¶</sup>                   | No change |
| QN117: Percentage of students who play violent video games (such as games that are rated M, 2 or more hours per week on average)   |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 28.5 | 26.1 |                            | No linear change              | Not available                                | No change |
| QN120: Percentage of students who strongly agree or agree that their parents or other adults in their family have clear rules and consequences for their behavior  |      |      |      |      |      |      |      |      |      |      |      |      |                            |                               |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 78.4 | 78.1 |                            | No linear change              | Not available                                | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |                            |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |                            |           |
| QN121: Percentage of students who reported their parents or other adults in their family talked with them about what they expect them to do or not to do when it comes to sex                               |      |      |      |      |      |      |      |      |      |      |      |      | 69.4                       | 69.2                          | No linear change                      | Not available <sup>¶</sup> | No change |
| QN122: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke one or more packs of cigarettes per day                            |      |      |      |      |      |      |      |      |      |      |      |      | 64.0                       | 74.9                          | Increased, 2015-2017                  | Not available              | Increased |
| QN123: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they have five or more drinks of an alcoholic beverage (once or twice a week) |      |      |      |      |      |      |      |      |      |      |      |      | 68.9                       | 73.8                          | No linear change                      | Not available              | No change |
| QN124: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke marijuana once or twice a week                                     |      |      |      |      |      |      |      |      |      |      |      |      | 37.0                       | 35.7                          | No linear change                      | Not available              | No change |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
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| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from 2015-2017 <sup>§</sup> |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|------------------------------------|--|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                    |  |
| QN125: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they use prescription drugs that are not prescribed to them |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available <sup>¶</sup>    | No change                          |  |
|   |      |      |      |      |      |      |      |      |      |      |      | 71.0 | 74.4                       |                               |                                    |  |
| QN126: Percentage of students who reported parents feel it wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                          |  |
|   |      |      |      |      |      |      |      |      |      |      |      | 84.1 | 85.8                       |                               |                                    |  |
| QN127: Percentage of students who reported parents feel it wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day                               |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                          |  |
|   |      |      |      |      |      |      |      |      |      |      |      | 79.4 | 85.6                       |                               |                                    |  |
| QN128: Percentage of students who reported parents feel it wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change           | Not available                 | No change                          |  |
|   |      |      |      |      |      |      |      |      |      |      |      | 76.3 | 71.2                       |                               |                                    |  |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

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| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change <sup>†</sup> | Quadratic Change <sup>†</sup> | Change from<br>2015-2017 <sup>§</sup> |                            |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|-------------------------------|---------------------------------------|----------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                       |                               |                                       |                            |           |
| QN129: Percentage of students who reported parents feel it wrong or very wrong for them to use prescription drugs (not prescribed to the student)                    |      |      |      |      |      |      |      |      |      |      |      |      | 87.4                       | 90.2                          | No linear change                      | Not available <sup>¶</sup> | No change |
| QN131: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      | 67.7                       | 71.3                          | No linear change                      | Not available              | No change |
| QN132: Percentage of students who reported friends feel it would be wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day |      |      |      |      |      |      |      |      |      |      |      |      | 62.0                       | 59.1                          | No linear change                      | Not available              | No change |
| QN133: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      | 39.0                       | 32.0                          | Decreased, 2015-2017                  | Not available              | Decreased |

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
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Health Risk Behavior and Percentages

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from  
2015-2017<sup>§</sup>

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN134: Percentage of students who reported friends feel it would be wrong or very wrong for them to use prescription drugs (not prescribed to the student)

76.3 76.0

No linear change

Not available<sup>¶</sup>

No change

\*Non-Hispanic.

<sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

<sup>§</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †                      |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|--|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |  |           |
| QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 18.3 | 17.4 | 18.1 | 8.5  | 9.4  | 8.1  | 5.8  | 8.8  | 8.7  | 7.4            | Decreased, 1999-2017 | Decreased, 1999-2009<br>No change, 2009-2017 | 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) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      |      |      |      |      |      |      |      | 41.6 | 40.7 | 49.8           | No linear change     | Not available <sup>§</sup>                   | No change |
| QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 30.0 | 17.8 | 16.6 | 14.2 | 20.9 | 23.6 | 14.0 | 12.8 | 11.1 | 12.5           | Decreased, 1999-2017 | No quadratic change                          | No change |
| QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |  |           |
|  |      |      |      | 11.6 | 8.1  | 5.8  | 3.8  | 8.0  | 9.2  | 6.2  | 2.7  | 5.4  | 4.2            | Decreased, 1999-2017 | No quadratic change                          | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 † |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|-------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                         |           |
| QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)    |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                         |           |
|  |      |      |      | 10.7 | 16.2 | 10.1 | 10.4 | 8.5  | 8.4  | 7.8  | 10.1 | 8.7  | 7.0            | Decreased, 1999-2017 | No quadratic change     | No change |
| QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                         |           |
|  |      |      |      | 10.6 | 12.4 | 10.3 | 7.3  | 7.5  | 13.5 | 7.7  | 8.2  | 8.1  | 5.5            | Decreased, 1999-2017 | No quadratic change     | No change |
| QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                         |           |
|  |      |      |      | 48.8 | 40.7 | 39.6 | 25.3 | 41.1 | 35.1 | 26.1 | 28.9 | 27.1 | 21.0           | Decreased, 1999-2017 | No quadratic change     | No change |
| QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                         |           |
|  |      |      |      | 14.0 | 13.3 | 14.2 | 10.0 | 13.1 | 10.5 | 6.9  | 10.6 | 11.4 | 9.8            | No linear change     | No quadratic change     | 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,  $p < 0.05$ .



2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Hispanic  
Injury and Violence

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)   |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change        | No change               |
|   |      |      |      |      | 12.3 | 9.8  | 7.5  | 12.2 | 10.8 | 7.6  | 10.3 | 7.4  | 8.7  |                      |                            |                         |
| QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 2013-2017 | Not available <sup>§</sup> | No change               |
|   |      |      |      |      |      |      |      |      |      | 15.8 | 11.7 | 6.7  |      |                      |                            |                         |
| QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)                            |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | Not available              | No change               |
|   |      |      |      |      |      |      |      |      |      | 9.1  | 11.3 | 7.2  |      |                      |                            |                         |

\*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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †    |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                            |           |
| QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |      |      |      |      |      |      |      | 16.3 | 13.6 | 14.3 | 15.9 | 11.8 |                | No linear change     | Not available <sup>§</sup> | 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) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |      |      |      |      |      |      |      |      |      | 10.5 | 11.7 | 7.1  |                | 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)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |      |      |      | 36.2 | 42.6 | 33.6 | 36.6 | 35.6 | 34.1 | 34.8 | 25.3 | 35.5 | 27.8           | Decreased, 1999-2017 | No quadratic change        | Decreased |
| QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |      |      |      | 27.8 | 21.9 | 13.2 | 7.9  | 12.3 | 21.9 | 16.6 | 14.8 | 14.8 | 13.9           | Decreased, 1999-2017 | No quadratic change        | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Hispanic  
Injury and Violence

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*   | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|---------------------|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |                     |                         |
| QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                     |                         |
|  |      |      |      | 15.9 | 14.4 | 9.4  | 9.0  | 12.1 | 16.7 | 13.5 | 13.1 | 12.2 | 12.1 | No linear change | No quadratic change | No change               |
| QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                     |                         |
|  |      |      |      | 15.3 | 7.8  | 10.9 | 5.5  | 7.3  | 14.3 | 13.3 | 8.7  | 8.4  | 7.8  | No linear change | No quadratic change | 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) |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                     |                         |
|  |      |      |      | 7.7  | 4.4  | 3.3  | 2.7  | 3.0  | 6.4  | 4.4  | 2.1  | 4.5  | 3.7  | No linear change | No quadratic change | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic Tobacco Use

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 † |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|-------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                         |           |
| QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                         |           |
|  |      |      |      | 76.6 | 77.7 | 67.2 | 48.0 | 51.1 | 55.0 | 49.9 | 42.1 | 33.7 | 23.7           | Decreased, 1999-2017 | No quadratic change     | Decreased |
| QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)                |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                         |           |
|  |      |      |      | 29.5 | 27.4 | 20.6 | 17.9 | 20.4 | 19.0 | 16.1 | 11.9 | 8.9  | 6.4            | Decreased, 1999-2017 | No quadratic change     | No change |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                         |           |
|  |      |      |      | 13.6 | 14.1 | 7.9  | 6.7  | 9.4  | 6.1  | 3.7  | 2.8  | 3.8  | 1.7            | Decreased, 1999-2017 | No quadratic change     | No change |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)         |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                         |           |
|  |      |      |      | 9.6  | 9.0  | 6.8  | 4.1  | 8.5  | 5.8  | 3.2  | 2.2  | 3.2  | 1.4            | Decreased, 1999-2017 | No quadratic change     | 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,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic Tobacco Use

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                            |           |      |      |      |      |      |                      |                     |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|----------------------------|-----------|------|------|------|------|------|----------------------|---------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                |                   |                            |                            |           |      |      |      |      |      |                      |                     |           |
| QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo])  |      |      |      |      |      |      |      |      |      |      |      |      |      | 45.7           | 38.0              | No linear change           | Not available <sup>§</sup> | No change |      |      |      |      |      |                      |                     |           |
| QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      | 26.5           | 12.0              | Decreased, 2015-2017       | Not available              | Decreased |      |      |      |      |      |                      |                     |           |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      |      | 22.3           | 16.7              | 9.9                        | 12.3                       | 15.1      | 11.7 | 11.8 | 11.5 | 12.7 | 7.4  | Decreased, 1999-2017 | No quadratic change | Decreased |
| QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)  |      |      |      |      |      |      |      |      |      |      |      |      |      | 34.1           | 33.9              | 22.6                       | 21.9                       | 25.6      | 22.6 | 19.4 | 17.3 | 16.2 | 10.7 | Decreased, 1999-2017 | No quadratic change | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic

#### Alcohol and Other Drug Use

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |  |                         |  |
| QN40: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)                         |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change                          | No change               |  |
|  |      |      |      | 85.1 | 82.8 | 79.4 | 72.1 | 74.4 | 74.9 | 74.4 | 70.2 | 61.3 | 60.4                 |  |                         |  |
| QN41: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)                                    |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change                          | No change               |  |
|  |      |      |      | 46.2 | 40.5 | 34.1 | 23.9 | 28.5 | 33.9 | 31.6 | 23.7 | 16.5 | 18.8                 |  |                         |  |
| QN42: 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) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No change, 1999-2011<br>Decreased, 2011-2017 | No change               |  |
|  |      |      |      | 46.6 | 54.6 | 36.2 | 35.8 | 45.5 | 44.8 | 44.3 | 35.8 | 35.9 | 28.8                 |  |                         |  |
| QN46: Percentage of students who ever used marijuana (one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change                          | No change               |  |
|  |      |      |      | 51.6 | 49.3 | 47.3 | 32.8 | 46.4 | 46.5 | 46.4 | 43.8 | 43.8 | 40.0                 |  |                         |  |
| QN47: Percentage of students who tried marijuana for the first time before age 13 years  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change                          | No change               |  |
|  |      |      |      | 19.4 | 15.7 | 13.0 | 10.6 | 13.9 | 14.0 | 10.7 | 9.0  | 9.3  | 8.4                  |  |                         |  |

\*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade,  $p < 0.05$ .

†Based on t-test analysis,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic

#### Alcohol and Other Drug Use

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*   | Change from 2015-2017 † |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------------|-------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |                     |                         |  |
| QN48: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)                                   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change | No change               |  |
|  |      |      |      | 35.1 | 28.7 | 21.8 | 16.0 | 25.7 | 24.2 | 25.8 | 26.7 | 26.3 | 23.7                 |                     |                         |  |
| QN49: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change | No change               |  |
|  |      |      |      | 11.8 | 7.8  | 6.4  | 5.9  | 4.5  | 7.1  | 6.4  | 5.2  | 6.7  | 3.4                  |                     |                         |  |
| QN51: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)               |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change | No change               |  |
|  |      |      |      | 8.3  | 3.2  | 4.5  | 4.5  | 4.2  | 6.0  | 3.2  | 2.6  | 5.2  | 2.1                  |                     |                         |  |
| QN52: Percentage of students who ever used methamphetamines (also called "speed," "crystal," "crank," or "ice," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      | Decreased, 1999-2017 | No quadratic change | No change               |  |
|  |      |      |      | 10.8 | 6.3  | 5.1  | 6.1  | 5.7  | 6.4  | 3.9  | 2.4  | 5.3  | 2.5                  |                     |                         |  |

\*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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Hispanic

Alcohol and Other Drug Use

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †    |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                            |           |
| QN53: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      | 9.7  | 8.4  | 5.1  | 9.6  | 7.7  | 7.2  | 6.1  | 3.6            | Decreased, 2003-2017 | No quadratic change        | No change |
| QN54: Percentage of students who ever used synthetic marijuana (also called "K2," "Spice," "fake weed," "King Kong," "Yucatan Fire," "Skunk," or "Moon Rocks," one or more times during their life) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 10.3 | 6.8            | No linear change     | Not available <sup>§</sup> | No change |
| QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      | 3.4  | 7.4  | 4.3  | 3.6  | 4.9  | 8.7  | 3.8  | 4.3  | 4.2  | 2.5            | Decreased, 1999-2017 | No quadratic change        | No change |
| QN57: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life)                                     |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      | 6.7  | 1.4  | 3.3  | 4.0  | 4.8  | 5.6  | 4.8  | 2.9  | 4.7  | 1.8            | No linear change     | No quadratic change        | 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.



2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Hispanic

Alcohol and Other Drug Use

Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from  
2015-2017 †

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN58: Percentage of students who were offered, sold, or given an illegal drug on school property  
(during the 12 months before the survey)

32.7 31.6 22.2 27.6 21.7 24.6 30.8 21.6 18.7 19.4 Decreased, 1999-2017 No quadratic change 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*                            | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |  |                         |
| QN59: Percentage of students who ever had sexual intercourse   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 61.0 | 64.0 | 62.1 | 50.3 | 62.8 | 61.9 | 59.7 | 52.0 | 47.9 | 46.6 | Decreased, 1999-2017 | No change, 1999-2011<br>Decreased, 2011-2017 | No change               |
| QN60: Percentage of students who had sexual intercourse for the first time before age 13 years   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 13.3 | 19.5 | 13.0 | 12.7 | 14.9 | 14.0 | 7.8  | 5.9  | 7.1  | 4.1  | Decreased, 1999-2017 | No change, 1999-2009<br>Decreased, 2009-2017 | No change               |
| QN61: Percentage of students who had sexual intercourse with four or more persons during their life  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 26.8 | 24.8 | 25.6 | 17.8 | 26.3 | 23.7 | 20.6 | 14.9 | 11.6 | 11.8 | Decreased, 1999-2017 | No change, 1999-2009<br>Decreased, 2009-2017 | No change               |
| QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |  |                         |
|  |      |      |      | 41.7 | 48.3 | 45.6 | 37.0 | 50.1 | 42.4 | 45.2 | 36.0 | 35.9 | 34.8 | Decreased, 1999-2017 | No change, 1999-2007<br>Decreased, 2007-2017 | 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,  $p < 0.05$ .

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*          | Change from<br>2015-2017 † |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|----------------------------|----------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |                            |                            |  |
| QN63: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)                    |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | No quadratic change        | No change                  |  |
|  |      |      |      |      |      | 24.0 | 22.3 | 17.1 | 19.2 | 23.5 | 19.7 |      |      |                  |                            |                            |  |
| QN64: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)                                  |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available <sup>§</sup> | No change                  |  |
|  |      |      |      |      |      |      |      | 57.9 | 65.3 | 55.1 | 47.2 |      |      |                  |                            |                            |  |
| QN85: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)                           |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available              | No change                  |  |
|  |      |      |      |      |      |      |      |      |      | 18.0 | 14.5 |      |      |                  |                            |                            |  |
| QN65: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available              | No change                  |  |
|  |      |      |      |      |      |      |      |      |      | 9.7  | 7.8  | 17.2 | 10.5 |                  |                            |                            |  |

\*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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Hispanic  
Sexual Behaviors

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †    |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                            |           |
| QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      |      |      |      |      |      | 0.5  | 1.5  | 11.8           | Increased, 2013-2017 | Not available <sup>§</sup> | Increased |
| QNSHPARG: Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      |      |      |      |      |      | 6.9  | 3.3  | 4.5            | No linear change     | Not available              | No change |
| QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|   |      |      |      |      |      |      |      |      |      |      | 15.3 | 21.9 | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Hispanic  
Sexual Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*          | Change from 2015-2017 † |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|----------------------------|-------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |                            |                         |           |
| QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |           |
|  |      |      |      |      |      |      |      |      |      |      | 5.0  | 8.5  | 5.9  | No linear change | Not available <sup>§</sup> | No change               |           |
| QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |           |
|  |      |      |      |      |      |      |      |      |      |      | 27.4 | 16.0 | 15.0 | 18.3             | 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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic

#### Weight Management and Dietary Behaviors

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*   | Change from 2015-2017 † |  |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------------|-------------------------|--|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017                 |                     |                         |  |
| QNOWT: Percentage of students who were overweight ( $\geq$ 85th percentile but $<$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup> |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change | No change               |  |
|   |      |      |      | 20.0 | 14.9 | 18.0 | 12.3 | 24.4 | 19.4 | 19.1 | 18.6 | 16.3 | 18.1                 |                     |                         |  |
| QNOBESE: Percentage of students who had obesity ( $\geq$ 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) <sup>§</sup>                           |      |      |      |      |      |      |      |      |      |      |      |      | No linear change     | No quadratic change | No change               |  |
|   |      |      |      | 12.9 | 12.7 | 16.3 | 18.3 | 16.3 | 16.1 | 13.2 | 17.5 | 16.3 | 15.1                 |                     |                         |  |
| QN68: Percentage of students who described themselves as slightly or very overweight  |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 1999-2017 | No quadratic change | No change               |  |
|   |      |      |      | 29.2 | 30.4 | 32.0 | 28.0 | 36.1 | 30.4 | 29.3 | 39.0 | 34.2 | 39.5                 |                     |                         |  |
| QN69: Percentage of students who were trying to lose weight   |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 1999-2017 | No quadratic change | Increased               |  |
|   |      |      |      | 38.7 | 44.1 | 47.6 | 51.3 | 49.5 | 51.3 | 47.8 | 55.4 | 46.5 | 55.2                 |                     |                         |  |
| QN76: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)                     |      |      |      |      |      |      |      |      |      |      |      |      | Increased, 2007-2017 | No quadratic change | Increased               |  |
|   |      |      |      |      |      |      |      | 17.5 | 18.1 | 15.5 | 24.9 | 22.6 | 30.0                 |                     |                         |  |

\*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.

## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic

#### Weight Management and Dietary Behaviors

| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from 2015-2017 † |      |      |                      |                      |                            |                     |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|-------------------------|------|------|----------------------|----------------------|----------------------------|---------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                         |      |      |                      |                      |                            |                     |           |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | 33.4           | 25.9              | 27.3                    | 20.9 | 22.8 | 15.8                 | Decreased, 2007-2017 |                            | No quadratic change | Decreased |
| 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)   |      |      |      |      |      |      |      |      |      |      |      |      | 24.5           | 16.5              | 16.9                    | 14.2 | 14.9 | 10.6                 | Decreased, 2007-2017 |                            | No quadratic change | No change |
| QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      | 13.0           | 9.3               | 12.4                    | 9.2  | 9.9  | 4.8                  | Decreased, 2007-2017 |                            | No quadratic change | Decreased |
| QN78: Percentage of students who did not eat breakfast (during the 7 days before the survey)   |      |      |      |      |      |      |      |      |      |      |      |      | 20.3           | 16.7              | 14.3                    | 14.4 | 11.5 | Decreased, 2009-2017 |                      | Not available <sup>§</sup> | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Hispanic

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from  
2015-2017 †

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

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

32.1 33.8 35.6 34.7 42.0 Increased, 2009-2017 Not available<sup>§</sup> 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.



## 2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Delaware High School Survey Trend Analysis Report

#### Hispanic Physical Activity

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from 2015-2017 † |      |                  |      |                            |           |      |      |                      |  |  |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|-------------------------|------|------------------|------|----------------------------|-----------|------|------|----------------------|--|--|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                         |      |                  |      |                            |           |      |      |                      |  |  |           |
| QN79: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)                  |      |      |      |      |      |      |      |      |      |      |      |      | 38.2           | 38.3              | 41.2                    | 36.2 | No linear change |      | Not available <sup>§</sup> | 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) |      |      |      |      |      |      |      |      |      |      |      |      | 26.6           | 19.1              | 18.2                    | 23.2 | 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)                  |      |      |      |      |      |      |      |      |      |      |      |      | 21.2           | 22.7              | 20.2                    | 21.1 | No linear change |      | Not available              | No change |      |      |                      |  |  |           |
| QN80: Percentage of students who watched television 3 or more hours per day (on an average school day)  |      |      |      |      |      |      |      |      |      |      |      |      | 58.3           | 54.1              | 47.8                    | 51.1 | 44.1             | 38.5 | 41.4                       | 42.8      | 30.1 | 22.6 | Decreased, 1999-2017 |  | Decreased, 1999-2013<br>Decreased, 2013-2017 | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

Hispanic  
Physical Activity

| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*   | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------------|-------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                     |                         |
| QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                     |                         |
|   |      |      |      |      |      |      |      | 28.9 | 28.5 | 39.8 | 44.4 | 38.2 | 42.1 | Increased, 2007-2017 | No quadratic change | No change               |
| QN83: 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)  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                     |                         |
|   |      |      |      | 58.2 | 50.3 | 44.4 | 51.9 | 49.2 | 46.9 | 52.1 | 58.7 | 52.2 | 47.5 | No linear change     | No quadratic change | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

Delaware High School Survey  
Trend Analysis Report

| Hispanic<br>Other | Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from<br>2015-2017 † |                  |               |           |      |      |      |      |      |                      |                     |           |
|-------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|------------------|---------------|-----------|------|------|------|------|------|----------------------|---------------------|-----------|
|                   | 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 |                |                   |                            | 2017             |               |           |      |      |      |      |      |                      |                     |           |
|                   | QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma                                   |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                  |               |           |      |      |      |      |      |                      |                     |           |
|                   |   |      |      |      |      |      |      |      |      |      |      | 29.3 | 25.5 | 24.8           | No linear change  | Not available <sup>§</sup> | No change        |               |           |      |      |      |      |      |                      |                     |           |
|                   | QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)                                      |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                  |               |           |      |      |      |      |      |                      |                     |           |
|                   |   |      |      |      |      |      |      |      |      |      |      | 30.4 | 27.7 | 21.4           | 24.7              | 24.5                       | No linear change | Not available | No change |      |      |      |      |      |                      |                     |           |
|                   | QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |                  |               |           |      |      |      |      |      |                      |                     |           |
|                   |   |      |      |      |      |      |      |      |      |      |      |      |      |                |                   | 53.6                       | 44.7             | 49.8          | 51.1      | 52.3 | 58.1 | 63.0 | 62.3 | 59.7 | Increased, 2001-2017 | No quadratic change | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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Hispanic  
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| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*          | Change from 2015-2017 † |  |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------------------|----------------------------|-------------------------|--|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017             |                            |                         |  |
| QN94: Percentage of students who reported that either of their parents or other adults in their family are serving on active duty in the military              |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available <sup>§</sup> | No change               |  |
| QN95: Percentage of students who are deaf or have serious difficulty hearing   |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available              | No change               |  |
| QN96: Percentage of students who have serious difficulty seeing (even when wearing glasses)  |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available              | No change               |  |
| QN97: Percentage of students who have serious difficulty concentrating, remembering, or making decisions (because of a physical, mental, or emotional problem) |      |      |      |      |      |      |      |      |      |      |      |      | No linear change | Not available              | No change               |  |
| QN98: Percentage of students who have serious difficulty walking or climbing stairs  |      |      |      |      |      |      |      |      |      |      |      |      | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change*    | Change from 2015-2017 †    |           |
|--|------|------|------|------|------|------|------|------|------|------|------|------|----------------|----------------------|----------------------------|-----------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                      |                            |           |
| QN99: 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 one day during the 30 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |      |      |      | 7.6  | 8.6  | 4.8  | 4.6  | 9.4  | 6.6  | 4.2  | 4.0  | 5.6  | 5.8            | Decreased, 1999-2017 | No quadratic change        | No change |
| QN106: Percentage of students who reported that the largest number of alcoholic drinks they had in a row was 10 or more drinks (within a couple of hours during the 30 days before the survey)                   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |      |      |      |      |      |      |      |      |      |      | 4.6  | 5.1  | 1.8            | Decreased, 2013-2017 | Not available <sup>§</sup> | Decreased |
| QN109: Percentage of students who have been pregnant or gotten someone pregnant (one or more times)  |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |      |      |      | 11.3 | 7.5  | 12.2 | 10.0 | 11.7 | 10.9 | 9.1  | 6.2  | 5.9  | 5.9            | Decreased, 1999-2017 | No quadratic change        | No change |
| QN110: Percentage of students who have been told by a doctor or nurse that they had a sexually transmitted disease (STD)   |      |      |      |      |      |      |      |      |      |      |      |      |                |                      |                            |           |
|  |      |      |      |      |      |      |      | 3.8  | 7.8  | 3.1  | 2.5  | 3.2  | 2.2            | Decreased, 2007-2017 | No quadratic change        | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QN111: Percentage of students who have ever given or received oral sex   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|  |      |      |      |      |      |      | 44.7 | 59.0 | 51.7 | 51.4 | 46.1 | 44.0 | 44.7 | Decreased, 2005-2017 | No quadratic change        | No change               |
| QN114: Percentage of students who drank a caffeinated drink (such as coffee, tea, sodas, power drinks, energy drinks or other drinks with caffeine added, one or more times per day during the 7 days before the survey) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      |      | 25.9 | 19.4 | No linear change     | Not available <sup>§</sup> | No change               |
| QN117: Percentage of students who play violent video games (such as games that are rated M, 2 or more hours per week on average)   |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      |      | 34.5 | 28.0 | Decreased, 2015-2017 | Not available              | No change               |
| QN120: Percentage of students who strongly agree or agree that their parents or other adults in their family have clear rules and consequences for their behavior  |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      |      | 75.6 | 78.7 | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*       | Quadratic Change*          | Change from 2015-2017 † |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|----------------------------|-------------------------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                      |                            |                         |
| QN121: Percentage of students who reported their parents or other adults in their family talked with them about what they expect them to do or not to do when it comes to sex                               |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 66.0 | 60.5 | No linear change     | Not available <sup>§</sup> | No change               |
| QN122: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke one or more packs of cigarettes per day                            |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 67.0 | 80.8 | Increased, 2015-2017 | Not available              | Increased               |
| QN123: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they have five or more drinks of an alcoholic beverage (once or twice a week) |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 63.8 | 72.5 | No linear change     | Not available              | No change               |
| QN124: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they smoke marijuana once or twice a week                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |                            |                         |
|   |      |      |      |      |      |      |      |      |      |      |      | 39.5 | 45.3 | 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.

2017 YOUTH RISK BEHAVIOR SURVEY RESULTS

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| Health Risk Behavior and Percentages  |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change* | Quadratic Change* | Change from 2015-2017 †    |           |
|---|------|------|------|------|------|------|------|------|------|------|------|------|----------------|-------------------|----------------------------|-----------|
| 1991  | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017           |                   |                            |           |
| QN125: Percentage of students who think people moderately or greatly risk harming themselves physically or in other ways when they use prescription drugs that are not prescribed to them |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 75.7 | 80.5           | No linear change  | Not available <sup>§</sup> | No change |
| QN126: Percentage of students who reported parents feel it wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 86.7 | 87.4           | No linear change  | Not available              | No change |
| QN127: Percentage of students who reported parents feel it wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day                               |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 83.1 | 83.5           | No linear change  | Not available              | No change |
| QN128: Percentage of students who reported parents feel it wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      |                |                   |                            |           |
|   |      |      |      |      |      |      |      |      |      |      |      | 80.8 | 79.0           | 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.



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| Health Risk Behavior and Percentages   |      |      |      |      |      |      |      |      |      |      |      |      |      | Linear Change*   | Quadratic Change*          | Change from 2015-2017 † |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------|----------------------------|-------------------------|
| 1991   | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 |                  |                            |                         |
| QN129: Percentage of students who reported parents feel it wrong or very wrong for them to use prescription drugs (not prescribed to the student)                    |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      |      | 86.7 | 89.3 | No linear change | Not available <sup>§</sup> | No change               |
| QN131: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke tobacco  |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      |      | 66.8 | 66.5 | No linear change | Not available              | No change               |
| QN132: Percentage of students who reported friends feel it would be wrong or very wrong for them to have one or two drinks of an alcoholic beverage nearly every day |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      |      | 58.1 | 58.8 | No linear change | Not available              | No change               |
| QN133: Percentage of students who reported friends feel it would be wrong or very wrong for them to smoke marijuana  |      |      |      |      |      |      |      |      |      |      |      |      |      |                  |                            |                         |
|  |      |      |      |      |      |      |      |      |      |      |      | 37.1 | 39.3 | 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.

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Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from  
2015-2017 †

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017

QN134: Percentage of students who reported friends feel it would be wrong or very wrong for them to use prescription drugs (not prescribed to the student)

72.4 75.5

No linear change

Not available<sup>§</sup>

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.