

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Total Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet														
					70.5	70.0	68.8	70.2	71.6	75.3	72.1	No linear change	No quadratic change	No change
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet														
					77.3	74.1	73.5	75.0	77.2	81.3	80.4	Increased, 2001-2013	Decreased, 2001-2005 Increased, 2005-2013	No change
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car														
					14.7	15.7	11.9	10.0	8.9	9.3	10.8	Decreased, 2001-2013	Decreased, 2001-2009 No change, 2009-2013	No change
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol														
					42.9	40.1	35.7	35.7	35.3	29.7	28.0	Decreased, 2001-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Total Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club												No linear change	Increased, 2001-2009 Decreased, 2009-2013	No change
				43.5	49.3	50.8	51.6	55.1	45.6	48.7				
QN11: Percentage of students who have ever been in a physical fight												Decreased, 2001-2013	No quadratic change	No change
				56.7	55.3	54.0	57.7	53.1	49.5	49.7				
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	Increased, 2001-2009 Decreased, 2009-2013	No change
				7.3	7.2	7.1	8.8	8.6	7.2	6.5				
QN13: Percentage of students who had ever been bullied on school property												Increased, 2009-2013	Not available <sup>§</sup>	No change
									53.2	54.4	56.1			
QN14: Percentage of students who had ever been electronically bullied												No linear change	Not available	No change
									28.1	27.4				

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Total Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN15: Percentage of students who ever seriously thought about killing themselves												No linear change	No quadratic change	No change
					22.1	22.6	22.4	23.2	21.2	21.9	24.5			
QN16: Percentage of students who ever made a plan about how they would kill themselves												No linear change	No quadratic change	Increased
					15.0	16.3	15.8	16.5	14.2	14.7	18.9			
QN17: Percentage of students who ever tried to kill themselves												Decreased, 2001-2013	No quadratic change	Increased
					9.1	9.6	8.4	9.3	7.9	6.5	9.6			

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Total Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 2001-2013	Decreased, 2001-2005 Decreased, 2005-2013	No change
				40.4	35.0	29.6	28.3	25.9	22.5	22.1				
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years												Decreased, 2007-2013	Not available <sup>§</sup>	No change
							8.7	6.4	6.0	5.8				
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days												Decreased, 2001-2013	No quadratic change	No change
				10.4	10.2	8.6	7.8	7.2	5.3	5.4				
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												Decreased, 2001-2013	No quadratic change	No change
				2.8	3.2	2.7	2.8	2.0	1.2	1.6				
QN21: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days												No linear change	No quadratic change	No change
				5.8	10.1	9.5	6.7	5.3	5.3	7.6				

\*Based on trend 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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

Total Tobacco Use	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN22: Among students who reported current cigarette use, the percentage who usually got their own cigarettes by buying them in a store or gas station during the past 30 days														
					3.4	4.0	5.5	2.3	3.1	3.9	6.2	No linear change	No quadratic change	No change
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					8.4	6.8	5.6	5.5	4.2	3.6	4.2	Decreased, 2001-2013	No quadratic change	No change
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					5.6	6.2	6.4	4.8	5.9	5.4	4.1	Decreased, 2001-2013	No quadratic change	No change
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
										3.7	4.2	No linear change	Not available <sup>§</sup>	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
										9.3	7.7	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Total Alcohol and Other Drug Use</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips														
					47.0	45.8	39.3	38.4	36.6	34.5	34.2	Decreased, 2001-2013	No quadratic change	No change
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years														
								19.0	15.3	14.0	16.1	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QN28: Percentage of students who ever used marijuana														
					12.7	13.3	11.7	10.7	9.6	9.2	11.9	Decreased, 2001-2013	No quadratic change	Increased
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
								3.9	3.2	3.0	3.9	No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase														
					4.8	6.1	4.8	4.6	3.6	3.5	4.1	Decreased, 2001-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Total Alcohol and Other Drug Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high												No linear change	Not available <sup>§</sup>	No change
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription												No linear change	Not available	No change
QN33: Percentage of students who ever took a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription												Increased, 2011-2013	Not available	Increased

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Total Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN34: Percentage of students who ever had sexual intercourse												Decreased, 2001-2013	No change, 2001-2005 Decreased, 2005-2013	No change
				13.6	15.9	15.5	14.3	14.8	12.9	13.0				
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												No linear change	Not available <sup>§</sup>	No change
							3.9	3.5	3.9	3.8				
QN36: Percentage of students who ever had sexual intercourse with three or more people												Decreased, 2007-2013	Not available	No change
							6.0	5.5	5.0	4.8				
QN37: Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse												No linear change	Increased, 2001-2009 Decreased, 2009-2013	No change
					59.6	63.7	69.7	67.8	72.1	67.2	61.9			
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												Decreased, 2001-2013	No quadratic change	No change
					74.0	74.6	65.6	57.8	59.3	51.8	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.

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Total</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</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			
QN38: Percentage of students who described themselves as slightly or very overweight														
					26.0	27.0	25.4	24.5	24.4	23.1	24.3	Decreased, 2001-2013	No quadratic change	No change
QN39: Percentage of students who were trying to lose weight														
					41.9	40.6	42.1	40.7	40.8	40.3	40.0	No linear change	No quadratic change	No change
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight														
					18.7	19.9	15.4	15.4	17.2	19.2	18.7	No linear change	Decreased, 2001-2007 Increased, 2007-2013	No change
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight														
					7.0	7.7	6.2	6.4	4.7	3.7	7.2	Decreased, 2001-2013	No quadratic change	Increased
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight														
					6.0	6.2	5.9	6.5	5.1	5.3	6.4	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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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Total Physical Activity</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												No linear change	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2007-2013	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												No linear change	Not available	No change
QN45: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	Not available	Increased

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Total Physical Activity	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school														
					90.0	88.0	89.8	87.4	89.3	88.2	89.9	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
					47.8	55.9	49.2	44.6	46.2	38.8	37.5	Decreased, 2001-2013	No change, 2001-2005 Decreased, 2005-2013	No change
QN48: Percentage of students who played on one or more sports teams during the past 12 months														
								75.0	72.9	74.3	75.1	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.

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§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Total Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								18.2	17.6	18.0	19.5	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Male Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet														
					72.4	73.7	71.2	71.4	73.7	77.7	74.1	No linear change	No quadratic change	No change
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet														
					77.6	72.7	74.3	74.5	78.2	81.7	80.3	No linear change	No change, 2001-2005 Increased, 2005-2013	No change
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car														
					17.8	18.1	13.9	12.0	10.6	11.6	11.8	Decreased, 2001-2013	No quadratic change	No change
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol														
					43.0	39.1	34.6	36.1	33.4	28.6	25.1	Decreased, 2001-2013	No quadratic change	No change
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club														
					60.4	69.7	67.7	68.3	71.0	60.3	59.7	No linear change	Increased, 2001-2009 Decreased, 2009-2013	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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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Male Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight												Decreased, 2001-2013	No quadratic change	No change
				72.1	71.3	67.5	71.5	66.4	64.4	63.5				
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	No quadratic change	No change
				9.3	10.5	9.2	11.0	10.4	9.1	8.8				
QN13: Percentage of students who had ever been bullied on school property												No linear change	Not available <sup>§</sup>	No change
								54.1	54.6	52.7				
QN14: Percentage of students who had ever been electronically bullied												No linear change	Not available	No change
									18.7	17.7				
QN15: Percentage of students who ever seriously thought about killing themselves												No linear change	No quadratic change	No change
				18.3	18.1	17.1	18.5	16.8	17.8	19.1				

\*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.

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Male  
Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN16: Percentage of students who ever made a plan about how they would kill themselves														
					13.2	14.5	12.4	12.7	11.8	12.8	15.5	No linear change	No quadratic change	No change
QN17: Percentage of students who ever tried to kill themselves														
					7.5	8.0	6.0	7.6	6.2	5.1	6.7	Decreased, 2001-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

Male Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs														
					42.7	34.6	29.7	28.6	26.9	23.4	21.7	Decreased, 2001-2013	Decreased, 2001-2005 Decreased, 2005-2013	No change
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years														
								9.5	7.1	6.0	6.2	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days														
					10.7	9.3	7.7	7.5	7.5	5.4	5.2	Decreased, 2001-2013	No quadratic change	No change
QN21: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
					2.8	3.0	2.7	3.3	2.3	1.4	1.3	Decreased, 2001-2013	No quadratic change	No change
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					9.0	6.8	5.8	6.0	4.3	3.5	3.5	Decreased, 2001-2013	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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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
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Male Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					7.5	8.2	8.4	6.6	8.1	7.3	5.3	Decreased, 2001-2013	No quadratic change	No change
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
										4.7	5.0	No linear change	Not available <sup>§</sup>	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
										10.6	8.0	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.

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle 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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips														
					51.9	49.5	41.2	41.4	38.0	35.8	35.3	Decreased, 2001-2013	No quadratic change	No change
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years														
								21.7	17.5	16.0	19.9	No linear change	Not available <sup>§</sup>	No change
QN28: Percentage of students who ever used marijuana														
					14.1	14.3	12.0	11.7	10.1	9.7	11.4	Decreased, 2001-2013	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
								4.6	4.0	2.8	4.4	No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase														
					4.7	6.8	4.5	4.4	3.8	3.4	3.8	Decreased, 2001-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high												No linear change	Not available <sup>§</sup>	No change
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription												No linear change	Not available	No change
QN33: Percentage of students who ever took a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription												Increased, 2011-2013	Not available	Increased

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Male Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN34: Percentage of students who ever had sexual intercourse												Decreased, 2001-2013	No change, 2001-2005 Decreased, 2005-2013	No change
				16.4	20.8	18.5	16.9	18.0	16.6	15.4				
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												No linear change	Not available <sup>§</sup>	No change
							5.1	4.7	4.9	5.2				
QN36: Percentage of students who ever had sexual intercourse with three or more people												Decreased, 2007-2013	Not available	No change
							7.8	6.8	6.9	6.3				
QN37: Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse												No linear change	No quadratic change	No change
					62.4	60.6	67.6	67.7	73.4	69.8	63.8			
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												Decreased, 2001-2013	No quadratic change	No change
					75.7	74.9	65.2	59.9	61.5	52.4	51.7			

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle 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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN38: Percentage of students who described themselves as slightly or very overweight												No linear change	No quadratic change	No change
					21.1	21.1	23.8	22.0	23.3	21.3	20.9			
QN39: Percentage of students who were trying to lose weight												No linear change	Increased, 2001-2005 Decreased, 2005-2013	No change
					29.5	29.7	33.7	31.5	32.0	29.9	29.8			
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight												No linear change	Decreased, 2001-2007 Increased, 2007-2013	No change
					14.1	16.8	12.0	11.7	13.4	17.6	15.9			
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight												No linear change	No quadratic change	No change
					4.1	4.5	4.9	4.5	3.3	2.5	5.1			
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight												No linear change	No quadratic change	No change
					3.1	3.9	3.2	3.8	2.6	3.6	4.3			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

Male Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												No linear change	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												No linear change	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												No linear change	Not available	No change
QN45: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	Not available	Increased

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

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

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

Male Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school												No linear change	No quadratic change	No change
					90.8	88.8	90.0	86.4	89.9	88.9	89.8			
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												Decreased, 2001-2013	No quadratic change	No change
					45.2	55.4	48.3	45.3	47.1	40.2	39.4			
QN48: Percentage of students who played on one or more sports teams during the past 12 months												No linear change	Not available <sup>§</sup>	No change
								75.6	73.1	74.5	75.7			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Male Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								18.6	16.9	19.0	19.9	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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Female Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet												No linear change	No quadratic change	No change
		68.2	65.8	66.3	69.0	69.5	72.5	69.8						
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet												No linear change	No change, 2001-2005 Increased, 2005-2013	No change
		77.0	75.6	72.6	75.5	76.3	80.9	80.6						
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car												Decreased, 2001-2013	Decreased, 2001-2009 Increased, 2009-2013	Increased
		11.2	13.0	9.8	7.4	7.0	6.7	9.6						
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol												Decreased, 2001-2013	No quadratic change	No change
		42.9	41.3	37.1	35.4	37.4	30.6	31.2						
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club												Increased, 2001-2013	Increased, 2001-2007 No change, 2007-2013	Increased
		25.0	26.4	32.4	33.7	38.6	30.0	36.5						

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

Female Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight												Decreased, 2001-2013	No change, 2001-2007 Decreased, 2007-2013	No change
					39.8	37.2	39.1	42.7	39.7	33.8	34.5			
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	Increased, 2001-2009 Decreased, 2009-2013	No change
					4.9	3.4	4.7	6.4	6.8	5.0	3.9			
QN13: Percentage of students who had ever been bullied on school property												Increased, 2009-2013	Not available <sup>§</sup>	Increased
									52.3	54.4	59.9			
QN14: Percentage of students who had ever been electronically bullied												No linear change	Not available	No change
										38.3	37.9			
QN15: Percentage of students who ever seriously thought about killing themselves												No linear change	No quadratic change	No change
					26.3	27.6	28.2	27.8	25.7	26.3	30.3			

\*Based on trend 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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Female  
Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN16: Percentage of students who ever made a plan about how they would kill themselves											No linear change	No quadratic change	Increased	
				17.0	18.3	19.4	20.2	16.6	16.6	22.6				
QN17: Percentage of students who ever tried to kill themselves											No linear change	No quadratic change	Increased	
				10.9	11.3	11.0	11.1	9.5	7.9	12.7				

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

Female Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs														
					37.7	35.4	29.4	27.7	24.9	21.6	22.5	Decreased, 2001-2013	No quadratic change	No change
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years														
								7.7	5.7	5.9	5.4	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days														
					9.9	11.1	9.4	8.1	6.8	5.3	5.6	Decreased, 2001-2013	No quadratic change	No change
QN21: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
					2.7	3.4	2.7	2.2	1.6	1.0	1.8	Decreased, 2001-2013	No quadratic change	No change
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					7.6	6.8	5.3	5.0	4.1	3.7	5.1	Decreased, 2001-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Female Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					3.5	3.9	4.2	2.8	3.7	3.3	2.9	No linear change	No quadratic change	No change
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
										2.5	3.3	No linear change	Not available <sup>§</sup>	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
										7.9	7.4	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Female</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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips														
					41.6	41.9	37.2	35.5	35.3	33.0	32.8	Decreased, 2001-2013	No quadratic change	No change
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years														
								16.3	13.1	11.9	11.9	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QN28: Percentage of students who ever used marijuana														
					11.3	12.3	11.3	9.7	8.9	8.5	12.4	Decreased, 2001-2013	No quadratic change	Increased
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
								3.1	2.5	3.0	3.3	No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase														
					5.0	5.3	5.1	4.7	3.5	3.4	4.5	Decreased, 2001-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high												No linear change	Not available <sup>§</sup>	No change
										13.6	12.9			
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription												Increased, 2011-2013	Not available	Increased
										1.3	3.3			
QN33: Percentage of students who ever took a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription												No linear change	Not available	No change
										6.0	6.9			

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

Female Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN34: Percentage of students who ever had sexual intercourse												No linear change	No change, 2001-2007 Decreased, 2007-2013	No change
					10.4	10.7	12.3	11.5	11.5	8.9	10.4			
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												No linear change	Not available <sup>§</sup>	No change
								2.7	2.2	2.8	2.2			
QN36: Percentage of students who ever had sexual intercourse with three or more people												Decreased, 2007-2013	Not available	No change
								4.0	4.2	3.0	3.1			
QN37: Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse												Decreased, 2005-2013	Not available	No change
								73.3	68.1	69.8	63.1			
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												Decreased, 2001-2013	No quadratic change	No change
					72.2	74.6	65.9	55.9	56.9	51.3	47.9			

\*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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Female</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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN38: Percentage of students who described themselves as slightly or very overweight														
					31.5	33.7	27.2	27.3	25.6	25.1	28.0	Decreased, 2001-2013	No quadratic change	No change
QN39: Percentage of students who were trying to lose weight														
					55.6	52.8	51.2	50.5	49.9	51.5	50.9	Decreased, 2001-2013	No quadratic change	No change
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight														
					23.8	23.5	19.1	19.1	21.1	21.1	21.7	No linear change	Decreased, 2001-2005 No change, 2005-2013	No change
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight														
					10.2	11.3	7.5	8.4	6.2	5.0	9.3	Decreased, 2001-2013	Decreased, 2001-2009 Increased, 2009-2013	Increased
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight														
					9.1	8.8	8.7	9.5	7.8	6.9	8.7	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

Female Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												No linear change	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2007-2013	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												No linear change	Not available	No change
QN45: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	Not available	Increased

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Female Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school												No linear change	No quadratic change	No change
					89.1	87.0	89.7	88.3	88.7	87.5	90.1			
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												Decreased, 2001-2013	No quadratic change	No change
					50.7	56.6	50.2	44.3	45.0	37.2	35.4			
QN48: Percentage of students who played on one or more sports teams during the past 12 months												No linear change	Not available <sup>§</sup>	No change
								74.4	72.6	74.1	74.5			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Female Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								17.7	18.2	17.0	19.0	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>White*</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet												No linear change	No quadratic change	Decreased
69.5	68.3	67.5	68.9	69.9	74.5	69.7								
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet												No linear change	No change, 2001-2005 Increased, 2005-2013	No change
77.0	73.0	72.9	74.3	75.6	80.6	78.7								
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car												Decreased, 2001-2013	No quadratic change	No change
13.3	14.2	10.6	8.3	7.0	8.2	8.4								
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol												Decreased, 2001-2013	No quadratic change	No change
41.1	38.8	35.2	34.5	33.3	28.5	26.9								
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club												No linear change	Increased, 2001-2009 Decreased, 2009-2013	No change
43.3	48.9	50.5	51.2	55.0	45.7	48.3								

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>White*</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight														
					55.3	53.2	51.5	55.1	50.7	47.3	46.3	Decreased, 2001-2013	No quadratic change	No change
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse														
					6.7	6.7	6.1	7.9	7.9	6.4	5.1	No linear change	No change, 2001-2009 Decreased, 2009-2013	No change
QN13: Percentage of students who had ever been bullied on school property														
									53.3	54.6	56.8	No linear change	Not available <sup>¶</sup>	No change
QN14: Percentage of students who had ever been electronically bullied														
										27.2	26.5	No linear change	Not available	No change
QN15: Percentage of students who ever seriously thought about killing themselves														
					21.3	21.1	21.0	21.9	19.8	20.1	22.8	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Injury and Violence														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN16: Percentage of students who ever made a plan about how they would kill themselves												No linear change	No quadratic change	Increased
				14.3	15.6	15.1	15.8	13.1	13.5	17.8				
QN17: Percentage of students who ever tried to kill themselves												Decreased, 2001-2013	No quadratic change	Increased
				8.3	9.0	7.6	8.6	6.9	5.5	8.0				

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

White* Tobacco Use												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs														
					38.1	32.7	27.0	26.2	22.9	19.7	19.3	Decreased, 2001-2013	No quadratic change	No change
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years														
								8.0	5.5	5.2	4.3	Decreased, 2007-2013	Not available <sup>¶</sup>	No change
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days														
					8.9	9.7	7.5	7.1	5.6	4.8	4.4	Decreased, 2001-2013	No quadratic change	No change
QNFCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
					2.3	3.0	2.3	2.5	1.6	1.2	0.9	Decreased, 2001-2013	No quadratic change	No change
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					7.3	6.7	5.0	5.3	3.6	3.0	3.5	Decreased, 2001-2013	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Tobacco Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
				5.1	5.9	6.1	4.2	5.4	4.7	3.0		Decreased, 2001-2013	No change, 2001-2009 Decreased, 2009-2013	Decreased
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
										2.9	3.0	No linear change	Not available <sup>¶</sup>	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
										8.5	6.3	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>White*</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips														
					45.2	44.1	37.8	36.7	33.8	32.2	31.8	Decreased, 2001-2013	No quadratic change	No change
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years														
								17.6	13.6	12.7	14.8	No linear change	Not available <sup>¶</sup>	No change
QN28: Percentage of students who ever used marijuana														
					10.9	11.8	9.9	8.8	7.5	7.0	9.4	Decreased, 2001-2013	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
								2.9	2.5	2.0	2.7	No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase														
					3.8	5.8	4.2	4.1	3.1	2.5	3.4	Decreased, 2001-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle 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 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high												No linear change	Not available <sup>¶</sup>	No change
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription												No linear change	Not available	No change
QN33: Percentage of students who ever took a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription												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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>White*</b>														
<b>Sexual Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN34: Percentage of students who ever had sexual intercourse														
					12.5	14.1	13.9	12.7	12.4	11.0	10.2	Decreased, 2001-2013	No change, 2001-2005 Decreased, 2005-2013	No change
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years														
								3.0	2.6	3.1	2.9	No linear change	Not available <sup>¶</sup>	No change
QN36: Percentage of students who ever had sexual intercourse with three or more people														
								4.8	4.2	4.2	3.0	Decreased, 2007-2013	Not available	No change
QN37: Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse														
					60.3	63.9	68.5	66.8	75.3	67.5	65.0	No linear change	Increased, 2001-2009 Decreased, 2009-2013	No change
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection														
					73.6	75.1	66.0	57.7	58.9	52.3	49.2	Decreased, 2001-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle 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 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN38: Percentage of students who described themselves as slightly or very overweight														
					25.7	26.6	24.7	24.3	24.2	22.9	23.8	Decreased, 2001-2013	No quadratic change	No change
QN39: Percentage of students who were trying to lose weight														
					41.3	40.0	41.4	39.9	40.0	39.2	38.7	No linear change	No quadratic change	No change
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight														
					17.4	19.3	14.6	14.3	16.3	18.1	16.2	No linear change	Decreased, 2001-2007 No change, 2007-2013	No change
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight														
					6.4	7.0	5.7	5.7	4.0	3.5	6.0	Decreased, 2001-2013	No quadratic change	Increased
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight														
					5.5	6.0	5.3	6.1	4.6	4.7	5.1	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>White*</b>														
<b>Physical Activity</b>														
<b>Health Risk Behavior and Percentages</b>											<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												No linear change	Not available <sup>¶</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2007-2013	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												No linear change	Not available	No change
QN45: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	Not available	Increased

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Physical Activity														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school												No linear change	Decreased, 2001-2007 No change, 2007-2013	No change
				90.8	87.8	89.9	87.4	89.6	88.1	90.4				
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												Decreased, 2001-2013	No change, 2001-2009 Decreased, 2009-2013	No change
				49.0	56.1	49.5	45.3	47.2	38.5	37.3				
QN48: Percentage of students who played on one or more sports teams during the past 12 months												No linear change	Not available <sup>¶</sup>	No change
							76.3	73.9	75.4	75.7				

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

White* Other	Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								17.3	16.6	18.0	18.9	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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

#### Hispanic/Latino Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet											No linear change	No quadratic change	No change	
					80.4	81.7	78.6	80.9	82.8	79.9	84.7			
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet											No linear change	No quadratic change	No change	
					82.3	87.8	76.3	79.6	86.8	87.3	90.1			
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car											Decreased, 2001-2013	No quadratic change	Increased	
					22.4	27.0	18.4	19.6	16.5	12.3	19.5			
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol											Decreased, 2001-2013	No quadratic change	No change	
					62.3	50.0	42.4	45.4	43.5	34.6	34.7			
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club											No linear change	No quadratic change	Increased	
					45.2	45.8	50.2	53.3	50.8	38.1	45.5			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Hispanic/Latino Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight												Decreased, 2001-2013	No quadratic change	No change
				67.5	66.7	68.3	72.9	63.2	58.7	63.4				
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	No quadratic change	No change
				9.8	7.9	12.4	14.6	12.8	8.9	11.4				
QN13: Percentage of students who had ever been bullied on school property												No linear change	Not available <sup>§</sup>	No change
								48.9	51.0	52.5				
QN14: Percentage of students who had ever been electronically bullied												No linear change	Not available	No change
									34.2	31.0				
QN15: Percentage of students who ever seriously thought about killing themselves												No linear change	No quadratic change	No change
				25.7	29.5	30.4	27.6	26.5	28.3	31.8				

\*Based on trend 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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Hispanic/Latino  
Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN16: Percentage of students who ever made a plan about how they would kill themselves											No linear change	No quadratic change	No change	
				17.6	18.8	18.4	19.1	17.8	19.9	25.3				
QN17: Percentage of students who ever tried to kill themselves											No linear change	No quadratic change	Increased	
				12.6	11.7	11.5	14.0	11.3	10.3	18.4				

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

#### Hispanic/Latino Tobacco Use

Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs														
					58.7	50.1	45.3	43.4	38.6	37.8	35.7	Decreased, 2001-2013	No quadratic change	No change
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years														
								13.1	10.4	10.0	12.0	No linear change	Not available <sup>§</sup>	No change
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days														
					19.7	13.5	14.0	11.2	13.0	6.4	9.8	Decreased, 2001-2013	No quadratic change	No change
QN21: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
					6.2	2.5	4.5	3.6	3.7	0.0	4.0	No linear change	No quadratic change	Increased
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					17.2	6.5	7.7	6.4	5.8	5.0	7.4	Decreased, 2001-2013	Decreased, 2001-2005 No change, 2005-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Hispanic/Latino  
Tobacco Use

Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					9.1	5.7	6.6	8.0	6.8	6.9	8.9	No linear change	No quadratic change	No change
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
										5.9	9.1	No linear change	Not available <sup>§</sup>	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
										12.1	14.0	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Hispanic/Latino Alcohol and Other Drug Use</b>														
Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips														
					63.5	58.4	52.4	49.9	50.8	47.5	48.2	Decreased, 2001-2013	No quadratic change	No change
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years														
								27.2	21.8	19.8	25.1	No linear change	Not available <sup>§</sup>	No change
QN28: Percentage of students who ever used marijuana														
					25.8	27.1	22.2	22.4	15.6	20.8	24.0	No linear change	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
								9.3	6.0	7.5	8.6	No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase														
					12.3	7.2	7.9	9.5	7.0	7.6	7.8	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Hispanic/Latino Alcohol and Other Drug Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high												No linear change	Not available <sup>§</sup>	No change
										18.8	20.2			
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription												No linear change	Not available	No change
										3.4	5.5			
QN33: Percentage of students who ever took a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription												Increased, 2011-2013	Not available	Increased
										6.6	11.2			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Hispanic/Latino Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN34: Percentage of students who ever had sexual intercourse												No linear change	No quadratic change	No change
					20.1	26.8	23.7	27.4	26.1	20.3	23.4			
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												No linear change	Not available <sup>§</sup>	No change
								9.5	6.8	5.7	7.4			
QN36: Percentage of students who ever had sexual intercourse with three or more people												Decreased, 2007-2013	Not available	Increased
								14.0	11.0	6.1	11.6			
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												Decreased, 2001-2013	No quadratic change	No change
					75.5	75.4	64.6	59.1	61.0	52.7	55.0			

\*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.

§Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Hispanic/Latino Weight Management and Dietary Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN38: Percentage of students who described themselves as slightly or very overweight												No linear change	No quadratic change	No change
					26.4	28.4	30.1	28.1	27.4	24.2	28.7			
QN39: Percentage of students who were trying to lose weight												No linear change	No quadratic change	No change
					47.1	46.4	47.5	44.7	48.7	51.1	49.4			
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight												No linear change	No change, 2001-2009 Increased, 2009-2013	No change
					29.7	22.6	19.9	22.9	21.7	24.8	31.3			
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight												No linear change	No change, 2001-2009 Increased, 2009-2013	Increased
					13.3	11.7	9.2	10.6	7.9	4.0	14.0			
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight												No linear change	No quadratic change	No change
					11.0	7.8	10.2	9.8	8.0	8.9	12.7			

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming Middle School Survey Trend Analysis Report

<b>Hispanic/Latino Physical Activity</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												No linear change	Not available <sup>§</sup>	No change
						56.3		55.6		58.2	55.3			
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												No linear change	Not available	No change
						8.3		11.7		11.1	9.7			
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												No linear change	Not available	No change
						32.7		32.9		32.5	33.1			
QN45: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
					40.0	43.1	44.1	33.5	36.3	32.6	37.6			
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	Not available	Increased
						22.5		22.0		30.0	38.7			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Hispanic/Latino Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school												No linear change	No quadratic change	No change
					84.4	90.5	91.5	88.7	88.1	89.8	86.2			
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												Decreased, 2001-2013	No quadratic change	No change
					46.5	56.7	49.7	45.1	40.6	42.2	36.9			
QN48: Percentage of students who played on one or more sports teams during the past 12 months												No linear change	Not available <sup>§</sup>	No change
								69.6	68.1	67.7	72.4			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Hispanic/Latino Other		Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma												No linear change	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.