

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High 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			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
		93.8	90.3	88.7	86.2	87.3	83.1	81.5	84.0	83.6	81.4	Decreased, 1995-2013	Decreased, 1995-2001 Decreased, 2001-2013	No change
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
		33.4	32.9	24.0	20.0	18.6	15.7	15.3	16.5	15.8	13.6	Decreased, 1995-2013	Decreased, 1995-2003 Decreased, 2003-2013	No change
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
		42.3	40.9	38.7	35.9	32.2	29.7	29.4	28.9	25.7	21.7	Decreased, 1995-2013	No quadratic change	Decreased
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days														
		25.6	25.6	24.0	22.9	24.6	28.0	26.8	26.0	27.1	28.8	Increased, 1995-2013	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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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
	10.8	10.4	9.3	10.1	9.5	11.2	11.5	11.5	10.8	11.1		No linear change	No quadratic change	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
	14.1	13.1	11.8	8.4	10.1	10.0	11.4	11.5	10.5	9.9		Decreased, 1995-2013	Decreased, 1995-2001 No change, 2001-2013	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
	3.4	4.3	3.0	8.0	5.4	6.1	6.1	6.1	6.1	7.8		Increased, 1995-2013	Increased, 1995-2001 No change, 2001-2013	Increased
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
	7.3	7.3	8.1	9.4	9.7	7.8	8.3	9.4	7.3	6.8		No linear change	Increased, 1995-2009 Decreased, 2009-2013	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
	35.6	34.0	31.5	31.4	31.2	30.4	27.9	30.9	26.5	24.3		Decreased, 1995-2013	No quadratic change	No change

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1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse														
	4.8	3.6	3.1	2.9	3.4	3.7	4.9	3.9	4.1	2.8		No linear change	No quadratic change	Decreased
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
	16.8	14.0	12.9	13.5	12.7	12.2	11.6	12.6	11.3	8.9		Decreased, 1995-2013	No quadratic change	Decreased
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
				8.1	9.2	10.3	12.5	13.2	12.2	11.6		Increased, 2001-2013	Increased, 2001-2009 No change, 2009-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
							24.4	25.0	23.3			No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
								18.7	16.1			Decreased, 2011-2013	Not available	Decreased

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§Not enough years of data to calculate.

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Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months												No linear change	Increased, 1999-2003 Decreased, 2003-2013	No change
				22.9	26.2	30.2	26.3	28.2	26.9	25.5	27.2			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												Decreased, 1995-2013	No quadratic change	No change
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months												Decreased, 1995-2013	No quadratic change	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												Increased, 1995-2013	No quadratic change	Decreased
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse												Increased, 1995-2013	No quadratic change	No change

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Wyoming High School Survey

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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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 1995-2013	No quadratic change	No change
	73.0	74.1	69.3	64.6	56.1	56.9	54.4	52.5	48.1	45.8				
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years												Decreased, 1995-2013	No quadratic change	No change
	30.9	29.1	25.9	24.1	21.5	18.2	19.0	15.8	13.7	12.1				
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days												Decreased, 1995-2013	Decreased, 1995-2005 Decreased, 2005-2013	Decreased
	39.5	37.4	35.2	28.4	26.0	22.5	20.8	22.1	22.0	17.4				
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	19.4	20.3	19.3	13.6	13.3	10.1	9.9	9.8	10.2	8.5				
QN34: 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												Decreased, 1995-2013	No quadratic change	No change
	14.4	16.8	15.0	11.9	12.5	9.6	13.4	13.4	12.3	11.7				

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Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN35: Among students who were less than 18 years of age and 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												No linear change	No quadratic change	No change
					11.9	9.8	13.2	9.4	14.5	11.3	10.0			
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	17.2	16.6	15.9	10.7	10.2	6.8	7.5	8.2	7.1	5.6				
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												Decreased, 2001-2013	No quadratic change	No change
					20.7	18.9	16.6	15.8	16.3	16.0	13.6			
QN38: Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months												Decreased, 2001-2013	No quadratic change	No change
					58.2	57.8	57.4	55.7	55.3	54.7	52.7			
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 1995-2013	Decreased, 1995-2003 No change, 2003-2013	No change
	25.1	22.5	17.7	18.1	13.3	14.3	14.7	16.2	15.1	14.2				

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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			
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
										16.6	14.9	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														
										30.0	26.9	No linear change	Not available	No change

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§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

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<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			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
		81.1	80.7	82.2	82.3	76.2	77.2	76.1	71.8	65.7	68.0	Decreased, 1995-2013	No change, 1995-2001 Decreased, 2001-2013	No change
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
		42.0	40.5	36.3	33.9	34.7	27.0	28.8	26.1	23.5	22.0	Decreased, 1995-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
		52.1	55.0	54.8	51.3	49.0	45.4	42.4	41.7	36.1	34.4	Decreased, 1995-2013	No change, 1995-1999 Decreased, 1999-2013	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
		38.8	40.6	39.5	38.1	34.6	32.0	29.4	27.8	25.1	21.4	Decreased, 1995-2013	No change, 1995-2001 Decreased, 2001-2013	Decreased
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								32.9	36.3	40.0	41.8	Increased, 2007-2013	Not available <sup>§</sup>	No change

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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who used marijuana one or more times during their life												Decreased, 1995-2013	No quadratic change	No change
	38.1	42.8	42.9	41.0	39.4	38.0	34.5	35.0	35.9	36.3				
QN48: Percentage of students who tried marijuana for the first time before age 13 years												No linear change	No change, 1995-2003 Decreased, 2003-2013	No change
	8.3	10.3	10.6	9.8	10.8	10.4	10.6	9.3	9.3	8.7				
QN49: Percentage of students who used marijuana one or more times during the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	21.9	23.4	21.4	20.4	20.4	17.8	14.4	16.9	18.5	17.8				
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Decreased, 1995-2013	No change, 1995-2003 Decreased, 2003-2013	No change
	9.5	11.4	9.8	9.5	10.7	10.2	8.7	8.4	8.6	7.1				
QN51: Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life												Decreased, 1995-2013	Decreased, 1995-1999 Decreased, 1999-2013	Decreased
	28.0	25.7	17.6	16.0	14.0	17.1	16.7	15.9	14.4	11.1				

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Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN52: Percentage of students who used heroin one or more times during their life												Increased, 1999-2013	Increased, 1999-2007 Decreased, 2007-2013	No change
				2.9	2.9	2.9	3.7	5.2	4.2	4.5	4.0			
QN53: Percentage of students who used methamphetamines one or more times during their life												Decreased, 1999-2013	No quadratic change	No change
				12.6	10.7	11.6	8.5	6.0	4.9	5.2	4.3			
QN54: Percentage of students who used ecstasy one or more times during their life												Increased, 2003-2013	No quadratic change	No change
						6.3	7.4	7.7	8.9	9.4	8.5			
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life												No linear change	No quadratic change	Decreased
				4.7	6.1	4.9	5.3	4.4	4.8	5.8	5.3			
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life												No linear change	Not available <sup>§</sup>	No change
										19.5	19.1			

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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			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life														
		2.8	3.8	2.8	2.6	3.1	3.1	3.6	3.9	4.0	3.1	No linear change	No quadratic change	No change
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months														
		24.3	31.5	20.3	18.9	18.1	22.7	24.7	23.7	25.2	20.2	Decreased, 1995-2013	Decreased, 1995-2001 Increased, 2001-2013	Decreased

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High School Survey Trend Analysis Report

Total Sexual Behaviors	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			
QN59: Percentage of students who ever had sexual intercourse			48.9	45.0	47.9	46.5	45.8	47.1	47.2	50.6	47.9	47.2	No linear change	No quadratic change	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years			8.9	6.2	6.2	5.2	5.8	5.2	6.0	5.9	6.0	5.0	Decreased, 1995-2013	Decreased, 1995-1999 No change, 1999-2013	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life			16.4	16.9	16.1	13.8	16.1	15.5	14.5	17.9	17.3	16.8	No linear change	No quadratic change	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months			32.0	30.6	34.5	32.9	31.8	34.7	33.7	37.8	34.7	34.9	Increased, 1995-2013	No quadratic change	No change
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse			30.1	33.3	31.3	30.2	27.4	24.7	25.0	24.5	26.7	20.8	Decreased, 1995-2013	No quadratic change	Decreased

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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				
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse															
		53.7	49.5	57.2	61.8	64.0	64.9	63.1	61.7	58.6	57.9	Increased, 1995-2013		Increased, 1995-2005 Decreased, 2005-2013	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection															
		88.9	92.4	89.6	89.9	88.3	89.5	85.7	84.6	82.6	84.0	Decreased, 1995-2013		No quadratic change	No change

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<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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				10.6	10.6	11.7	12.1	11.3	12.4	12.0	12.8	Increased, 1999-2013	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				6.1	6.5	7.2	8.3	9.2	9.7	11.1	10.7	Increased, 1999-2013	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
	26.9	27.6	28.4	27.5	29.2	29.2	27.5	29.1	27.3	29.0		No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
	40.3	42.0	40.4	41.7	43.1	42.3	40.2	44.3	41.8	42.5		No linear change	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
				12.7	13.5	12.7	12.5	14.3	13.9	13.1	12.8	No linear change	No quadratic change	No change

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§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.

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1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
				6.6	7.8	7.7	7.3	7.9	6.5	8.1	6.1	No linear change	No change, 1999-2003 Decreased, 2003-2013	Decreased
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
	6.0	6.6	4.3	4.8	5.5	6.8	6.8	6.1	6.9	5.5		No linear change	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				83.1	84.3	82.3	80.0	79.9	79.2	79.3	74.7	Decreased, 1999-2013	No quadratic change	Decreased
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				87.5	88.4	88.2	85.7	85.8	87.8	87.4	89.6	No linear change	Decreased, 1999-2007 Increased, 2007-2013	Increased
QN73: Percentage of students who ate green salad one or more times during the past seven days														
				75.5	74.8	77.1	70.7	71.2	70.2	71.0	70.6	Decreased, 1999-2013	No quadratic change	No change

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<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			
QN74: Percentage of students who ate potatoes one or more times during the past seven days														
				81.4	80.5	80.9	76.1	73.3	75.5	73.4	71.8	Decreased, 1999-2013	No quadratic change	No change
QN75: Percentage of students who ate carrots one or more times during the past seven days														
				57.1	55.3	57.8	55.2	55.7	57.2	57.5	57.0	No linear change	No quadratic change	No change
QN76: Percentage of students who ate other vegetables one or more times during the past seven days														
				87.8	86.7	87.4	84.1	82.9	84.1	84.6	85.2	Decreased, 1999-2013	Decreased, 1999-2007 Increased, 2007-2013	No change
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days														
				21.6	21.0	22.5	16.8	17.3	19.1	22.1	21.7	No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				31.4	29.7	30.3	25.6	25.5	26.8	29.8	31.3	No linear change	Decreased, 1999-2007 Increased, 2007-2013	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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High 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			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
				6.2	5.1	5.8	5.8	6.4	5.9	6.6	6.1			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change
				62.6	61.9	61.9	56.5	56.3	58.7	62.1	61.2			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												Decreased, 1999-2013	Decreased, 1999-2007 Increased, 2007-2013	No change
				20.6	19.6	19.6	16.1	15.7	16.5	18.1	18.5			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change
				15.7	16.5	16.4	11.9	13.0	16.0	17.5	16.4			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												Increased, 1999-2013	No quadratic change	No change
				2.8	3.1	2.8	4.4	5.5	4.7	5.1	5.4			

\*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 High 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			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
				72.0	70.3	72.3	66.0	65.3	66.6	68.6	68.9	Decreased, 1999-2013	Decreased, 1999-2007 Increased, 2007-2013	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
				35.5	33.0	34.7	28.7	29.4	31.3	33.9	33.5	No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
				11.2	11.1	11.9	7.6	8.7	9.9	11.5	12.3	No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								27.9	27.0	25.9	24.3	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								22.3	21.0	21.6	23.2	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Total 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			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>§</sup>	No change
								18.5	17.1	16.6	15.6			
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												No linear change	Not available	No change
								9.3	9.5	7.8	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.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High 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			
QN80: 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												Increased, 2005-2013	Not available <sup>§</sup>	No change
						36.0	48.2	48.9	50.1	52.2				
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, 2005-2013	Not available	No change
						22.4	14.3	13.6	14.0	13.9				
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												Increased, 2005-2013	Not available	No change
						16.7	26.4	25.6	25.8	28.2				
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 1999-2013	No quadratic change	No change
			27.4	24.7	26.6	22.3	20.8	22.0	20.6	22.1				
QN82: 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
						16.3	16.3	20.4	31.3					

\*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 High School Survey  
Trend Analysis Report

Total 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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
		58.0	53.3	60.8	58.2	52.9	54.5	53.5	57.4	56.3	55.3	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														
		36.4	29.2	33.1	30.9	23.2	21.5	21.9	22.7	21.7	23.7	Decreased, 1995-2013	Decreased, 1995-2005 No change, 2005-2013	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
				58.9	63.8	56.3	59.5	59.8	60.3	62.7	60.2	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
							18.5	23.1	21.2	25.3	22.3	Increased, 2005-2013	Not available <sup>§</sup>	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
		92.5	89.9	90.4	88.1	88.0	83.5	83.9	85.5	85.4	82.5	Decreased, 1995-2013	No quadratic change	No change
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
		42.6	41.9	31.6	26.1	22.6	18.8	19.0	20.4	20.3	17.5	Decreased, 1995-2013	Decreased, 1995-2005 No change, 2005-2013	No change
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
		44.0	42.2	39.9	36.6	30.7	28.3	27.5	28.3	26.0	23.0	Decreased, 1995-2013	No quadratic change	No change
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days														
		41.6	43.1	40.3	37.3	39.1	43.3	40.7	40.0	40.4	41.8	No linear change	No quadratic change	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
		18.4	18.8	16.7	17.2	16.3	17.8	19.1	18.5	16.2	17.1	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High 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			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
	22.5	22.4	19.7	14.0	16.0	16.0	18.4	17.1	16.8	14.9		Decreased, 1995-2013	Decreased, 1995-2001 No change, 2001-2013	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
	2.8	5.2	3.4	7.0	6.2	5.6	4.8	5.7	5.3	6.0		Increased, 1995-2013	Increased, 1995-2001 No change, 2001-2013	No change
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
	9.8	10.7	11.1	11.8	13.3	9.1	9.5	12.3	9.0	8.1		Decreased, 1995-2013	No change, 1995-2009 Decreased, 2009-2013	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
	43.9	43.8	41.5	39.4	40.7	36.0	35.2	39.7	33.8	31.4		Decreased, 1995-2013	No quadratic change	No change
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse														
	6.2	5.3	4.3	4.4	4.4	4.7	6.2	4.8	4.8	3.2		No linear change	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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High 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>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
		22.7	20.5	18.5	19.1	17.9	16.2	15.1	17.4	14.5	11.9	Decreased, 1995-2013	No quadratic change	No change
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					5.0	6.7	7.1	9.0	8.6	7.9	8.0	Increased, 2001-2013	Increased, 2001-2007 No change, 2007-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									23.5	22.0	20.0	Decreased, 2009-2013	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									12.5	9.2		Decreased, 2011-2013	Not available	Decreased
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
				15.5	20.0	23.5	19.6	21.3	19.2	21.1	19.9	No linear change	Increased, 1999-2003 No change, 2003-2013	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 High School Survey Trend Analysis Report

<b>Male</b>														
<b>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			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												Decreased, 1995-2013	No quadratic change	No change
	17.5	16.3	13.3	14.6	17.5	13.3	13.9	13.6	14.7	12.0				
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months												No linear change	No quadratic change	No change
	13.4	14.0	9.8	12.1	14.1	12.2	13.0	12.1	12.0	11.5				
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												Increased, 1995-2013	No quadratic change	Decreased
	6.0	5.2	4.4	4.9	5.5	6.6	8.7	7.9	10.5	7.4				
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse												Increased, 1995-2013	No quadratic change	No change
	2.1	1.8	2.1	1.6	2.7	2.5	3.3	3.9	3.7	3.4				

\*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 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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
	76.5	77.6	71.6	66.6	55.8	58.2	54.2	53.7	49.8	46.3		Decreased, 1995-2013	No change, 1995-1999 Decreased, 1999-2013	No change
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
	35.0	32.1	31.7	26.7	21.6	19.7	18.8	16.9	14.8	14.5		Decreased, 1995-2013	No quadratic change	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
	39.2	38.1	34.6	27.0	25.8	22.7	20.0	23.4	22.8	16.5		Decreased, 1995-2013	No quadratic change	Decreased
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
	19.2	20.3	18.2	12.2	12.5	9.7	9.8	10.5	10.8	7.9		Decreased, 1995-2013	No quadratic change	No change
QN34: 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														
	17.6	18.3	20.0	12.1	14.1	11.3	18.7	17.0	13.3	16.8		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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming 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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN35: Among students who were less than 18 years of age and 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												No linear change	No quadratic change	No change
				13.8	15.0	17.1	10.7	18.5	15.6	16.0				
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	17.8	17.0	16.9	11.0	10.1	7.4	7.7	9.0	7.5	5.6				
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												Decreased, 2001-2013	No quadratic change	No change
				19.3	17.4	15.5	13.7	15.6	15.4	12.9				
QN38: Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months												No linear change	No quadratic change	Decreased
				52.7	50.3	53.1	51.6	51.0	53.0	44.0				
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 1995-2013	Decreased, 1995-2003 No change, 2003-2013	No change
	39.7	34.7	28.8	28.6	21.1	22.2	21.3	24.7	22.1	21.9				

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
										21.5	20.1	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														
										34.9	31.1	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Male 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			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
		83.7	83.4	81.7	83.2	76.1	76.8	73.1	71.8	65.0	67.3	Decreased, 1995-2013	No quadratic change	No change
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
		50.9	47.9	43.6	39.8	39.9	30.3	31.0	29.6	25.8	26.6	Decreased, 1995-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
		56.4	58.1	56.4	54.0	49.2	46.0	40.9	42.9	35.7	34.9	Decreased, 1995-2013	No quadratic change	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
		42.9	44.0	43.4	42.5	35.7	34.2	30.1	30.0	26.7	23.0	Decreased, 1995-2013	No change, 1995-2001 Decreased, 2001-2013	No change
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								23.9	29.5	29.7	34.2	Increased, 2007-2013	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 High 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			
QN47: Percentage of students who used marijuana one or more times during their life												Decreased, 1995-2013	No quadratic change	No change
	41.5	45.7	45.4	43.3	42.4	38.7	35.7	37.4	38.1	38.8				
QN48: Percentage of students who tried marijuana for the first time before age 13 years												Decreased, 1995-2013	No quadratic change	No change
	11.9	13.8	13.7	11.8	12.1	11.8	12.7	11.1	10.2	10.7				
QN49: Percentage of students who used marijuana one or more times during the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	24.8	27.1	23.4	23.7	23.4	18.5	16.4	19.1	19.8	19.4				
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Decreased, 1995-2013	No quadratic change	No change
	10.4	12.7	10.8	8.9	10.8	9.2	9.4	9.7	9.2	8.7				
QN51: Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life												Decreased, 1995-2013	Decreased, 1995-1999 Decreased, 1999-2013	No change
	29.8	26.3	18.3	16.3	13.7	16.9	16.8	16.1	13.9	11.4				

\*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 High 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			
QN52: Percentage of students who used heroin one or more times during their life														
				3.5	3.1	3.1	5.0	6.5	5.6	5.7	5.2	Increased, 1999-2013	No quadratic change	No change
QN53: Percentage of students who used methamphetamines one or more times during their life														
				13.1	10.4	11.0	8.5	6.8	6.3	5.4	5.2	Decreased, 1999-2013	No quadratic change	No change
QN54: Percentage of students who used ecstasy one or more times during their life														
						5.8	8.2	9.4	10.8	10.1	10.6	Increased, 2003-2013	Increased, 2003-2007 No change, 2007-2013	No change
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life														
		6.0	7.7	6.3	6.6	4.7	5.9	6.6	6.6	6.3	4.5	No linear change	No quadratic change	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										20.0	20.8	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN57: Percentage of students who 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
	3.8	4.1	3.7	3.3	2.9	4.0	4.4	4.6	4.5	3.8				
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months												Decreased, 1995-2013	Decreased, 1995-2001 No change, 2001-2013	Decreased
	28.7	35.7	21.8	21.1	20.1	25.1	27.1	25.5	26.3	22.6				

\*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 High School Survey Trend Analysis Report

<b>Male Sexual 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			
QN59: Percentage of students who ever had sexual intercourse												No linear change	No quadratic change	No change
	52.6	45.9	47.8	46.9	44.7	46.9	46.7	49.6	48.5	48.9				
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years												Decreased, 1995-2013	Decreased, 1995-2001 No change, 2001-2013	No change
	12.2	8.2	8.9	6.7	5.9	6.6	7.6	8.8	7.6	6.3				
QN61: Percentage of students who had sexual intercourse with four or more people during their life												No linear change	Decreased, 1995-2001 Increased, 2001-2013	No change
	19.1	17.5	16.8	14.1	16.0	15.9	15.3	19.0	18.4	17.5				
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months												No linear change	No quadratic change	No change
	33.0	28.8	32.7	31.7	29.5	32.0	31.1	35.0	31.6	33.8				
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse												Decreased, 1995-2013	No quadratic change	Decreased
	37.2	39.9	34.9	38.3	33.0	27.7	30.4	30.4	34.5	24.6				

\*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 High School Survey  
Trend Analysis Report

Male  
Sexual Behaviors

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			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
	58.6	57.8	65.0	69.2	66.7	70.1	68.1	67.3	69.4	63.9		Increased, 1995-2013	Increased, 1995-2001 No change, 2001-2013	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
	88.2	90.9	88.7	89.4	86.5	88.8	84.7	83.2	83.1	82.7		Decreased, 1995-2013	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 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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				12.1	12.1	13.0	12.6	12.6	13.1	11.5	12.7	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				9.7	9.3	10.5	12.1	11.7	11.0	14.9	12.9	Increased, 1999-2013	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
	18.9	20.3	21.6	19.8	21.8	20.9	20.5	22.2	22.5	22.9		Increased, 1995-2013	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
	21.1	23.4	21.5	21.5	25.3	26.0	24.8	29.4	27.8	27.1		Increased, 1995-2013	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
				7.1	8.2	7.9	8.2	10.8	11.1	10.2	8.0	Increased, 1999-2013	Increased, 1999-2009 Decreased, 2009-2013	No change

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

†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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming 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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
				4.1	5.0	5.3	6.5	8.3	6.9	6.9	5.1	Increased, 1999-2013	Increased, 1999-2007 Decreased, 2007-2013	No change
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
	3.0	4.2	2.3	2.6	2.7	5.1	5.9	5.5	5.6	3.6		Increased, 1995-2013	No quadratic change	Decreased
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				82.4	84.5	83.8	80.4	80.3	79.4	78.7	76.1	Decreased, 1999-2013	No quadratic change	No change
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				86.2	87.8	89.0	84.5	84.3	85.9	86.2	87.9	No linear change	No quadratic change	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
				73.1	72.4	74.1	66.2	67.8	66.9	67.4	67.8	Decreased, 1999-2013	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 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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days														
				83.1	81.3	82.0	76.9	74.5	76.5	74.4	73.3	Decreased, 1999-2013	No quadratic change	No change
QN75: Percentage of students who ate carrots one or more times during the past seven days														
				56.9	57.2	58.7	57.5	56.2	57.5	58.3	59.1	No linear change	No quadratic change	No change
QN76: Percentage of students who ate other vegetables one or more times during the past seven days														
				86.1	85.4	86.8	82.0	81.0	81.9	82.6	82.7	Decreased, 1999-2013	No quadratic change	No change
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days														
				23.8	24.6	25.2	20.0	18.9	19.8	24.6	23.9	No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				33.2	31.2	32.5	27.9	28.3	27.2	32.6	33.4	No linear change	Decreased, 1999-2009 Increased, 2009-2013	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,  $p < 0.05$ .

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
				7.4	5.9	5.8	6.3	7.7	7.4	7.3	7.5			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
				64.4	62.9	64.8	57.9	59.1	59.1	64.3	62.8			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												Decreased, 1999-2013	Decreased, 1999-2007 Increased, 2007-2013	No change
				23.7	21.8	21.9	18.1	16.9	17.6	19.5	20.5			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
				17.6	18.5	18.9	14.2	13.3	17.3	20.5	18.2			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												Increased, 1999-2013	Increased, 1999-2007 No change, 2007-2013	No change
				3.3	3.9	3.7	5.6	7.3	6.2	5.8	6.5			

\*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 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 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
				73.9	70.8	72.5	65.3	65.8	65.3	69.2	68.9	Decreased, 1999-2013	Decreased, 1999-2007 Increased, 2007-2013	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
				36.6	34.3	36.1	30.1	31.7	32.1	36.4	34.6	No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
				13.6	13.3	13.7	9.3	8.6	10.1	13.7	14.3	No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								34.6	33.3	31.0	29.8	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								19.3	16.0	18.5	19.9	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>§</sup>	No change
						24.4	21.5	20.6	20.0					
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												No linear change	Not available	No change
						12.4	12.7	11.2	10.7					

\*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 High 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			
QN80: 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														
							42.8	54.8	56.3	58.7	61.2	Increased, 2005-2013	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														
							18.2	12.9	12.2	11.1	10.7	Decreased, 2005-2013	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														
							21.9	33.4	33.6	34.3	36.3	Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
			33.1	29.8	31.1	24.5	24.0	23.9	21.4	24.5		Decreased, 1999-2013	No quadratic change	No change
QN82: 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														
							22.7	21.7	25.5	35.0		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 High 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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
		63.7	57.5	67.6	66.0	59.6	61.5	60.3	63.4	63.6	63.2	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														
		41.9	32.0	37.0	34.0	30.7	26.1	24.6	26.1	26.8	27.5	Decreased, 1995-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
				63.7	68.3	60.5	62.8	62.3	63.7	66.0	64.5	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma											No linear change	Not available <sup>§</sup>	Decreased
							20.2	22.4	21.6	24.9	21.0			

\*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 High 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			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet												Decreased, 1995-2013	Decreased, 1995-1999 Decreased, 1999-2013	No change
95.2	91.0	86.5	83.9	86.4	82.4	78.6	81.8	81.3	80.4					
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else												Decreased, 1995-2013	Decreased, 1995-2001 Decreased, 2001-2013	No change
24.0	23.5	16.0	13.5	14.1	12.4	11.2	12.3	10.9	9.4					
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol												Decreased, 1995-2013	Decreased, 1995-2009 Decreased, 2009-2013	Decreased
40.6	39.7	37.4	35.1	33.9	31.3	31.1	29.4	25.4	20.3					
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days												Increased, 1995-2013	No quadratic change	No change
9.2	8.0	6.8	8.0	9.8	11.9	11.8	11.1	13.5	15.1					
QN14: Percentage of students who carried a gun on one or more of the past 30 days												Increased, 1995-2013	No quadratic change	No change
2.8	1.8	1.3	2.6	2.4	4.2	3.4	3.9	5.1	4.7					

\*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 High 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			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
	5.3	3.6	3.3	2.6	3.9	3.8	3.7	5.2	3.9	4.6		No linear change	Decreased, 1995-2001 Increased, 2001-2013	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
	4.1	3.4	2.6	9.0	4.7	6.7	7.3	6.6	6.8	9.5		Increased, 1995-2013	No quadratic change	Increased
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
	4.7	3.8	4.9	6.7	5.9	6.3	6.6	6.3	5.3	5.1		No linear change	No change, 1995-2001 Decreased, 2001-2013	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
	27.1	24.0	21.3	22.9	21.4	24.3	19.8	21.6	18.9	16.8		Decreased, 1995-2013	No quadratic change	No change
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse														
	3.4	1.9	1.9	1.2	2.3	2.6	3.3	2.8	3.3	2.3		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 High School Survey Trend Analysis Report

<b>Female 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>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
		10.6	7.4	7.0	7.4	7.3	7.9	7.7	7.5	8.0	5.4	Decreased, 1995-2013	No quadratic change	Decreased
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					11.3	11.6	13.7	16.0	18.0	16.5	15.1	Increased, 2001-2013	Increased, 2001-2009 No change, 2009-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									25.5	28.1	26.6	No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									25.0	23.2		No linear change	Not available	No change
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
				31.0	33.1	36.9	33.4	35.8	35.3	30.0	34.7	No linear change	Increased, 1999-2003 No change, 2003-2013	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 High 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			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
	30.0	28.4	20.5	22.6	24.8	21.8	21.8	21.2	20.2	21.4		Decreased, 1995-2013	Decreased, 1995-1999 No change, 1999-2013	No change
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months														
	21.6	23.8	17.2	16.5	17.5	19.3	22.7	18.7	16.5	16.0		Decreased, 1995-2013	No quadratic change	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
	10.7	11.5	8.9	10.0	12.9	10.9	11.9	10.9	12.0	9.4		No linear change	No quadratic change	No change
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
	3.0	2.9	2.9	3.3	4.1	2.9	4.8	4.1	6.0	3.9		Increased, 1995-2013	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 1995-2013	No quadratic change	No change
	69.3	70.6	66.8	62.4	56.5	55.6	54.5	51.1	46.4	45.0				
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years												Decreased, 1995-2013	Decreased, 1995-2007 Decreased, 2007-2013	No change
	26.6	25.9	19.9	21.5	21.2	16.6	19.0	14.4	12.4	9.4				
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	39.8	36.7	35.9	29.6	26.4	22.4	21.5	20.7	21.3	17.9				
QNFRDIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	19.6	20.2	20.4	15.3	14.1	10.5	9.9	9.0	9.7	8.8				
QN34: 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												Decreased, 1995-2013	No quadratic change	No change
	11.2	15.0	9.6	11.8	10.7	7.8	7.7	9.1	11.2	6.0				

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN35: Among students who were less than 18 years of age and 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												No linear change	No quadratic change	No change
					10.4	5.1	9.3	7.1	10.0	7.3	5.1			
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	16.5	16.0	14.8	10.4	10.4	6.2	7.1	7.4	6.8	5.3				
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												Decreased, 2001-2013	No quadratic change	No change
					22.4	20.6	17.7	17.9	16.8	16.6	14.1			
QN38: Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months												Decreased, 2001-2013	No quadratic change	No change
					63.3	65.6	61.8	59.7	60.3	56.4	60.8			
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 1995-2013	Decreased, 1995-1999 No change, 1999-2013	No change
		9.9	9.7	6.0	6.9	5.0	5.9	7.4	6.9	7.8	5.7			

\*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 High 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			
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												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												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 High School Survey Trend Analysis Report

<b>Female</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
	78.2	78.0	82.6	81.5	76.4	77.6	79.3	72.1	66.6	68.8		Decreased, 1995-2013	Increased, 1995-2001 Decreased, 2001-2013	No change
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
	32.7	32.9	28.5	27.7	29.2	23.5	26.3	22.3	21.1	17.0		Decreased, 1995-2013	No quadratic change	Decreased
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
	47.5	51.9	53.2	48.6	49.0	44.7	43.8	40.4	36.6	33.8		Decreased, 1995-2013	No change, 1995-1999 Decreased, 1999-2013	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
	34.5	37.0	35.4	33.5	33.8	29.5	28.5	25.4	23.5	19.6		Decreased, 1995-2013	No change, 1995-2003 Decreased, 2003-2013	Decreased
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								41.8	44.1	50.2	49.9	Increased, 2007-2013	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 High 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			
QN47: Percentage of students who used marijuana one or more times during their life												Decreased, 1995-2013	No quadratic change	No change
	34.7	39.6	40.5	38.5	36.1	37.2	33.1	32.3	33.7	33.5				
QN48: Percentage of students who tried marijuana for the first time before age 13 years												No linear change	Increased, 1995-2003 Decreased, 2003-2013	No change
	4.5	6.6	7.3	7.5	9.5	8.9	8.1	7.1	8.4	6.3				
QN49: Percentage of students who used marijuana one or more times during the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	18.9	19.4	19.5	16.9	17.4	17.1	12.0	14.6	17.1	16.0				
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Decreased, 1995-2013	Increased, 1995-2005 Decreased, 2005-2013	Decreased
	8.4	9.8	8.9	10.0	10.5	11.4	7.6	6.9	7.9	5.1				
QN51: Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life												Decreased, 1995-2013	Decreased, 1995-1999 Decreased, 1999-2013	Decreased
	26.1	25.2	17.1	15.6	14.3	17.2	16.5	15.8	15.0	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,  $p < 0.05$ .

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN52: Percentage of students who used heroin one or more times during their life												No linear change	No quadratic change	No change
				2.3	2.7	2.5	2.4	3.4	2.6	3.2	2.3			
QN53: Percentage of students who used methamphetamines one or more times during their life												Decreased, 1999-2013	No quadratic change	Decreased
				12.2	11.0	12.3	8.5	4.7	3.3	4.9	3.0			
QN54: Percentage of students who used ecstasy one or more times during their life												No linear change	No quadratic change	Decreased
						6.9	6.5	5.5	6.8	8.7	5.9			
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life												No linear change	No quadratic change	Decreased
		3.3	4.1	3.3	3.8	3.9	3.5	4.6	3.9	4.0	2.4			
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life												No linear change	Not available <sup>§</sup>	No change
										18.8	17.0			

\*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 High 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			
QN57: Percentage of students who 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
	1.7	3.2	1.9	1.8	3.1	2.1	2.7	3.1	3.3	2.3				
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months												No linear change	No quadratic change	Decreased
	19.6	27.1	18.6	16.5	16.0	20.0	22.1	21.6	23.8	17.6				

\*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 High 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			
QN59: Percentage of students who ever had sexual intercourse												No linear change	No quadratic change	No change
	45.2	44.0	47.8	45.9	46.8	47.4	47.7	51.6	47.4	45.3				
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years												No linear change	No quadratic change	No change
	5.6	4.3	3.4	3.6	5.6	3.7	4.2	3.0	4.3	3.6				
QN61: Percentage of students who had sexual intercourse with four or more people during their life												No linear change	No quadratic change	No change
	13.7	16.3	15.2	13.4	16.3	15.2	13.5	16.8	16.2	15.8				
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months												Increased, 1995-2013	No quadratic change	No change
	31.1	32.4	36.0	34.0	34.1	37.6	36.5	40.4	37.8	35.8				
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse												Decreased, 1995-2013	No quadratic change	No change
	22.5	27.5	28.5	22.1	22.4	22.1	20.0	19.3	20.1	17.0				

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

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



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Female  
Sexual Behaviors

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			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
	48.3	42.7	50.4	54.8	61.3	60.5	59.1	57.2	49.4	52.7		Increased, 1995-2013	Increased, 1995-2005 Decreased, 2005-2013	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
	89.5	93.9	90.4	90.7	90.5	90.4	87.3	86.1	82.1	85.4		Decreased, 1995-2013	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 High 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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				8.9	9.1	10.3	11.6	9.8	11.7	12.6	13.0	Increased, 1999-2013	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				2.2	3.6	3.8	4.2	6.5	8.3	7.0	8.4	Increased, 1999-2013	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
	35.2	35.3	35.9	35.6	36.6	38.1	35.0	36.4	32.4	35.2		No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
	60.1	61.2	60.5	63.4	61.6	60.0	56.9	59.9	56.3	58.6		Decreased, 1995-2013	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
				18.7	19.2	17.7	17.0	17.8	17.0	16.0	17.5	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,  $p < 0.05$ .

§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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High 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			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
				9.3	10.7	10.0	8.3	7.2	6.1	9.0	7.1	Decreased, 1999-2013	No quadratic change	No change
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
	9.1	9.1	6.4	7.1	8.3	8.6	7.4	6.8	8.1	7.3		No linear change	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				83.9	84.2	80.7	79.5	79.4	78.9	80.1	73.4	Decreased, 1999-2013	No quadratic change	Decreased
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				88.8	89.1	87.4	87.0	87.6	89.7	89.1	91.3	No linear change	No change, 1999-2005 Increased, 2005-2013	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
				78.1	77.3	80.2	75.5	75.0	73.7	74.9	73.5	Decreased, 1999-2013	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 High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days														
				79.5	79.9	79.6	75.2	72.0	74.5	72.8	70.4	Decreased, 1999-2013	No quadratic change	No change
QN75: Percentage of students who ate carrots one or more times during the past seven days														
				57.4	53.6	56.8	52.7	55.1	56.9	56.9	55.0	No linear change	No quadratic change	No change
QN76: Percentage of students who ate other vegetables one or more times during the past seven days														
				89.6	88.2	87.9	86.3	85.0	86.5	87.0	88.0	No linear change	Decreased, 1999-2007 No change, 2007-2013	No change
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days														
				19.3	17.3	19.3	13.4	15.4	18.2	19.6	19.3	No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				29.4	28.3	28.3	23.1	22.4	26.4	26.9	29.1	No linear change	Decreased, 1999-2007 Increased, 2007-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
				4.8	4.3	5.9	5.2	5.0	4.4	5.6	4.6			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change
				60.7	60.8	58.5	54.9	53.3	58.3	59.9	59.5			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												No linear change	No quadratic change	No change
				17.3	17.3	17.4	14.0	14.2	15.3	16.6	16.4			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	No quadratic change	No change
				13.5	14.4	13.5	9.5	12.2	14.5	14.4	14.6			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												Increased, 1999-2013	No quadratic change	No change
				2.3	2.1	1.8	3.2	3.5	3.1	4.2	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 High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days												No linear change	No quadratic change	No change
				69.9	69.9	72.0	66.8	64.5	68.0	68.3	69.1			
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days												No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
				34.4	31.9	32.7	27.2	26.6	30.1	31.5	32.5			
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days												No linear change	No quadratic change	No change
				8.6	8.8	10.1	5.8	8.5	9.5	9.1	10.1			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												No linear change	Not available <sup>§</sup>	No change
								20.9	20.3	20.9	18.6			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												No linear change	Not available	No change
								25.3	26.4	24.5	26.5			

\*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 High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												No linear change	Not available <sup>§</sup>	No change
								12.3	12.5	12.6	11.0			
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												No linear change	Not available	No change
								6.0	6.2	4.5	5.9			

\*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 High 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			
QN80: 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														
							28.6	41.5	41.0	41.4	43.1	Increased, 2005-2013	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														
							26.9	15.7	15.0	16.7	16.9	Decreased, 2005-2013	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														
							11.1	19.1	17.2	17.2	19.9	Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
			21.4	19.1	22.1	20.0	17.5	19.8	19.7	19.5		No linear change	No quadratic change	No change
QN82: 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														
							9.3	10.6	15.2	27.4		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.



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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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
		51.8	49.1	53.4	50.0	46.1	47.2	46.2	50.9	48.7	47.1	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														
		30.6	26.5	29.1	27.8	15.5	16.7	19.0	19.3	16.4	19.8	Decreased, 1995-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
				53.9	59.3	52.1	55.9	57.0	56.5	59.3	55.9	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
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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			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
							16.7	23.9	20.9	25.5	23.5	Increased, 2005-2013	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 High School Survey Trend Analysis Report

<b>White*</b>														
<b>Injury and Violence</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			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
		92.9	90.1	88.2	85.7	86.6	82.2	80.2	83.5	83.3	79.6	Decreased, 1995-2013	Decreased, 1995-2001 Decreased, 2001-2013	Decreased
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
		32.2	30.5	22.8	19.0	17.8	15.0	14.1	14.9	14.4	12.1	Decreased, 1995-2013	Decreased, 1995-2003 Decreased, 2003-2013	No change
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
		41.9	38.7	37.4	34.1	31.7	28.3	28.2	27.1	24.4	19.4	Decreased, 1995-2013	No quadratic change	Decreased
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days														
		24.8	24.2	23.0	22.4	24.3	27.3	25.3	25.0	27.0	28.8	Increased, 1995-2013	No quadratic change	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
		9.9	9.2	8.7	9.8	9.2	10.8	10.7	10.7	10.4	11.1	Increased, 1995-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
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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			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
	13.4	11.9	10.8	8.2	9.8	9.3	10.3	10.6	9.6	9.6		Decreased, 1995-2013	Decreased, 1995-2001 No change, 2001-2013	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
	2.7	3.7	2.7	7.0	4.7	5.9	5.6	5.0	4.9	6.8		Increased, 1995-2013	Increased, 1995-2001 No change, 2001-2013	Increased
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
	6.0	6.3	7.1	8.5	9.4	6.8	7.5	8.0	5.6	5.7		No linear change	Increased, 1995-2003 Decreased, 2003-2013	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
	34.1	32.5	29.6	30.0	30.1	29.0	25.7	28.7	24.0	21.5		Decreased, 1995-2013	No quadratic change	No change
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse														
	4.0	3.0	2.9	2.5	2.9	3.0	3.9	3.0	3.3	1.9		No linear change	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High School Survey Trend Analysis Report

<b>White*</b>														
<b>Injury and Violence</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			
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
		15.5	13.4	12.2	12.8	12.3	11.2	10.1	10.9	10.0	7.4	Decreased, 1995-2013	No quadratic change	Decreased
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					7.5	8.8	9.6	11.6	12.0	10.7	10.0	Increased, 2001-2013	Increased, 2001-2009 No change, 2009-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									23.5	23.6	23.1	No linear change	Not available <sup>¶</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
										17.4	15.3	No linear change	Not available	No change
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
				21.7	25.6	29.4	25.1	26.9	26.2	23.6	25.1	No linear change	Increased, 1999-2003 Decreased, 2003-2013	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 High 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			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												Decreased, 1995-2013	No quadratic change	No change
	22.5	21.4	15.0	18.2	20.6	17.0	16.2	16.7	16.2	15.5				
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months												Decreased, 1995-2013	No quadratic change	No change
	16.7	18.0	12.3	14.2	15.1	15.3	16.8	14.6	13.1	13.0				
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												Increased, 1995-2013	No quadratic change	Decreased
	7.9	7.5	5.7	7.0	8.7	7.9	9.5	8.4	10.0	7.4				
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse												Increased, 1995-2013	No quadratic change	No change
	2.2	2.1	2.0	2.3	3.2	2.2	3.8	3.5	3.9	3.1				

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High School Survey Trend Analysis Report

<b>White*</b>														
<b>Tobacco 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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
	71.2	72.3	67.6	63.0	55.1	55.3	51.7	50.3	45.4	43.3		Decreased, 1995-2013	No quadratic change	No change
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
	29.3	27.3	24.5	23.2	20.3	16.3	16.6	13.4	11.6	10.7		Decreased, 1995-2013	No quadratic change	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
	38.0	36.4	33.8	27.5	24.9	21.5	19.3	20.0	20.9	15.8		Decreased, 1995-2013	Decreased, 1995-2007 No change, 2007-2013	Decreased
QNFRDIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
	18.9	19.3	18.2	13.3	12.8	9.9	9.2	8.3	9.4	7.7		Decreased, 1995-2013	No quadratic change	No change
QN34: 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														
	13.7	15.4	14.4	12.0	12.2	9.5	12.6	11.5	10.9	10.7		Decreased, 1995-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High 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>Tobacco Use</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN35: Among students who were less than 18 years of age and 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												No linear change	No quadratic change	No change
		11.8	10.1	12.7	8.0	14.4	11.3	10.7						
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	15.9	15.6	14.7	10.2	9.7	6.1	6.5	6.8	6.4	4.9				
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												Decreased, 2001-2013	No quadratic change	No change
		19.9	18.4	16.1	14.5	15.0	14.8	12.8						
QN38: Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months												No linear change	No quadratic change	No change
		57.1	58.9	57.5	54.7	57.4	55.5	50.5						
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 1995-2013	Decreased, 1995-2003 No change, 2003-2013	No change
	25.8	22.3	18.2	18.1	12.7	13.8	13.6	15.2	14.3	13.3				

\*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 High School Survey  
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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			
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												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												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 High 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>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
	79.8	79.4	81.1	82.0	76.0	76.4	75.7	71.3	64.6	67.7		Decreased, 1995-2013	No change, 1995-2001 Decreased, 2001-2013	No change
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
	40.9	38.5	34.4	33.1	34.0	25.7	27.1	24.1	21.6	20.2		Decreased, 1995-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
	51.9	53.6	52.9	50.6	48.6	44.2	41.4	40.2	35.3	33.4		Decreased, 1995-2013	No change, 1995-1999 Decreased, 1999-2013	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
	38.3	39.6	37.6	37.5	34.6	30.8	28.4	26.3	24.5	20.3		Decreased, 1995-2013	No change, 1995-2001 Decreased, 2001-2013	Decreased
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
							34.2	37.9	40.8	44.6		Increased, 2007-2013	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

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White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who used marijuana one or more times during their life												Decreased, 1995-2013	No quadratic change	No change
	35.1	39.9	40.0	39.1	38.0	36.1	32.6	32.1	33.3	33.5				
QN48: Percentage of students who tried marijuana for the first time before age 13 years												No linear change	Increased, 1995-2003 Decreased, 2003-2013	No change
	6.2	8.5	8.7	8.6	10.1	8.9	8.6	7.1	6.9	6.6				
QN49: Percentage of students who used marijuana one or more times during the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	19.3	20.7	18.9	19.0	19.5	16.6	13.1	14.8	16.6	16.0				
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Decreased, 1995-2013	No change, 1995-2003 Decreased, 2003-2013	No change
	7.8	9.6	8.5	8.7	10.2	9.3	7.7	6.7	6.3	5.3				
QN51: Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life												Decreased, 1995-2013	Decreased, 1995-1999 Decreased, 1999-2013	Decreased
	25.4	23.6	16.8	15.5	13.4	16.2	16.0	14.7	12.0	9.3				

\*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

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White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN52: Percentage of students who used heroin one or more times during their life														
				2.3	2.5	2.2	3.2	4.5	3.0	2.9	2.9	No linear change	No quadratic change	No change
QN53: Percentage of students who used methamphetamines one or more times during their life														
				11.1	9.7	10.9	7.6	5.0	3.6	3.4	3.1	Decreased, 1999-2013	No quadratic change	No change
QN54: Percentage of students who used ecstasy one or more times during their life														
						5.8	6.5	6.7	7.4	7.6	6.9	No linear change	No quadratic change	No change
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life														
		3.6	4.8	4.4	4.8	3.7	4.1	5.0	4.3	3.6	2.7	No linear change	No change, 1995-2009 Decreased, 2009-2013	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										17.3	17.8	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 High School Survey  
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White*												Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2011-2013 <sup>§</sup>
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN57: Percentage of students who 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
	2.0	2.7	2.4	2.2	2.6	2.5	3.2	2.8	2.4	2.3				
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months												No linear change	Decreased, 1995-2001 Increased, 2001-2013	Decreased
	22.3	29.6	18.2	18.0	18.2	21.5	23.6	21.7	23.2	19.2				

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High 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			
QN59: Percentage of students who ever had sexual intercourse												No linear change	No quadratic change	No change
	47.2	42.5	45.7	45.0	44.7	46.1	46.0	48.8	45.6	45.2				
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years												Decreased, 1995-2013	Decreased, 1995-1999 No change, 1999-2013	No change
	8.1	5.0	4.8	4.7	5.2	4.5	5.2	4.5	4.8	4.1				
QN61: Percentage of students who had sexual intercourse with four or more people during their life												No linear change	No quadratic change	No change
	15.3	15.3	14.3	12.6	15.5	15.1	13.7	15.8	15.7	15.4				
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months												Increased, 1995-2013	No quadratic change	No change
	31.0	28.9	32.3	31.8	31.4	34.1	32.8	36.1	33.0	33.3				
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse												Decreased, 1995-2013	No quadratic change	Decreased
	29.3	31.4	30.1	29.5	25.8	23.7	24.7	21.7	26.6	19.2				

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
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White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Sexual Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
		53.5	49.1	57.4	62.1	64.1	66.4	65.1	63.6	59.9	59.0	Increased, 1995-2013	Increased, 1995-2005 Decreased, 2005-2013	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
		89.9	93.1	90.5	90.6	90.0	90.3	86.3	85.7	84.1	85.1	Decreased, 1995-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High School Survey Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>¶</sup>														
				10.4	10.7	11.7	11.7	10.9	12.1	11.4	12.0	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>¶</sup>														
				5.1	6.1	6.6	7.8	8.4	9.2	10.3	10.7	Increased, 1999-2013	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
		25.3	26.8	27.5	27.2	28.9	28.9	27.1	29.1	26.5	28.3	No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
		39.3	42.9	40.3	42.1	43.1	41.5	39.6	44.7	41.1	41.5	No linear change	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
				12.0	13.2	12.7	12.0	13.5	13.5	12.0	10.9	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>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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
				6.4	7.3	7.6	7.0	7.1	5.9	6.5	5.2	No linear change	No change, 1999-2003 Decreased, 2003-2013	No change
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
		5.2	6.4	4.1	4.3	5.2	6.3	6.1	5.3	5.5	4.7	No linear change	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				83.1	84.6	82.3	79.9	79.4	79.4	80.1	74.9	Decreased, 1999-2013	No quadratic change	Decreased
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				88.0	88.4	88.6	85.9	86.2	88.7	88.3	89.7	No linear change	No change, 1999-2005 Increased, 2005-2013	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
				76.8	75.2	78.2	71.4	71.8	71.9	72.5	71.3	Decreased, 1999-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days														
				81.6	80.7	80.9	76.5	73.1	76.4	74.6	72.2	Decreased, 1999-2013	No quadratic change	No change
QN75: Percentage of students who ate carrots one or more times during the past seven days														
				58.5	56.1	59.3	56.0	55.9	57.8	58.6	57.0	No linear change	No quadratic change	No change
QN76: Percentage of students who ate other vegetables one or more times during the past seven days														
				88.3	87.2	87.6	84.6	83.9	85.5	85.8	86.0	Decreased, 1999-2013	Decreased, 1999-2007 No change, 2007-2013	No change
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days														
				21.5	20.7	22.2	16.5	16.3	18.6	21.3	21.1	No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				32.2	29.6	30.3	25.0	25.0	26.1	29.4	30.9	No linear change	Decreased, 1999-2007 Increased, 2007-2013	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 High School Survey Trend Analysis Report

<b>White*</b>														
<b>Weight Management and Dietary 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			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
				5.5	5.1	5.4	5.8	6.4	5.6	6.0	6.0			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
				62.7	61.8	62.1	57.1	56.1	59.1	62.6	60.7			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												Decreased, 1999-2013	Decreased, 1999-2007 Increased, 2007-2013	No change
				20.7	19.2	19.6	15.9	14.9	15.6	17.0	17.5			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change
				15.2	16.4	16.2	11.7	12.5	15.6	16.8	15.6			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												Increased, 1999-2013	No quadratic change	No change
				2.6	3.0	2.6	4.1	5.3	4.0	4.4	5.0			

\*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 High School Survey Trend Analysis Report

<b>White*</b>														
<b>Weight Management and Dietary 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			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
				72.6	70.5	73.2	66.4	65.2	67.4	69.8	69.4	Decreased, 1999-2013	Decreased, 1999-2007 Increased, 2007-2013	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
				35.7	33.3	34.9	28.7	29.0	31.3	33.9	33.2	No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
				11.0	11.1	12.0	7.2	8.3	9.2	10.8	11.8	No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								27.4	26.0	25.3	23.8	No linear change	Not available <sup>¶</sup>	No change
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								22.4	21.7	21.4	23.2	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 High School Survey  
Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days														
								18.1	16.0	16.0	14.9	No linear change	Not available <sup>¶</sup>	No change
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days														
								8.7	8.5	7.2	7.6	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 High School Survey  
Trend Analysis Report

White*														
Physical Activity														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN80: 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														
							36.8	49.1	50.5	51.9	52.9	Increased, 2005-2013	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														
							21.6	14.1	12.5	12.8	13.4	Decreased, 2005-2013	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														
							17.1	27.0	26.4	26.2	28.3	Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
			25.6	24.1	25.4	20.8	19.5	19.8	18.7	20.6		Decreased, 1999-2013	No quadratic change	No change
QN82: 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														
							16.3	14.9	19.4	30.4		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 High 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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
		57.2	53.3	59.4	57.9	52.6	53.8	53.0	57.0	55.3	54.6	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														
		34.9	28.9	32.2	30.6	23.0	21.4	21.5	22.5	20.8	23.1	Decreased, 1995-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
				60.0	64.1	57.0	59.8	60.6	60.6	63.4	60.6	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
							18.2	22.7	21.0	24.1	21.8	Increased, 2005-2013	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 High 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			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
						91.5	91.5	89.1	86.5	92.1		No linear change	Not available <sup>§</sup>	No change
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
	39.5	52.1	30.1	30.1	20.8	21.2	18.9	26.7	23.4	20.7		Decreased, 1995-2013	Decreased, 1995-2003 No change, 2003-2013	No change
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
	51.9	61.3	50.1	55.8	35.0	43.4	39.9	39.4	35.7	32.4		Decreased, 1995-2013	No quadratic change	No change
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days														
	26.1	33.7	27.7	18.1	23.3	28.5	37.4	30.3	26.6	25.5		No linear change	No quadratic change	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
	12.1	12.7	11.3	5.9	7.8	9.0	15.3	15.4	12.2	10.8		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 High 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			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
	13.4	20.0	17.1	6.2	7.9	11.5	17.9	17.1	15.8	11.6		No linear change	No quadratic change	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
	3.9	9.0	3.5	14.7	8.5	6.3	8.2	14.3	11.1	11.2		Increased, 1995-2013	No quadratic change	No change
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
	11.3	12.0	12.3	14.8	8.5	11.8	14.3	19.1	14.7	9.7		No linear change	No quadratic change	Decreased
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
	42.9	49.9	42.3	39.1	33.1	38.5	42.7	43.5	38.5	36.9		No linear change	No quadratic change	No change
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse														
	5.4	7.2	4.0	5.2	3.8	6.8	12.1	9.2	7.6	5.6		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 High 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			
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months												No linear change	No quadratic change	No change
		23.1	17.9	15.5	15.7	9.9	16.8	20.5	23.4	17.2	14.0			
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to												Increased, 2001-2013	No quadratic change	No change
					9.4	7.7	13.9	14.6	20.1	19.5	18.1			
QN24: Percentage of students who had ever been bullied on school property during the past 12 months												Decreased, 2009-2013	Not available <sup>§</sup>	Decreased
									29.5	33.6	22.9			
QN25: Percentage of students who had ever been electronically bullied during the past 12 months												No linear change	Not available	No change
										24.5	20.3			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months												No linear change	No quadratic change	No change
					32.0	33.8	32.6	37.4	36.0	31.3	33.7	34.7		

\*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 High School Survey  
Trend Analysis Report

Hispanic/Latino 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			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
	21.8	22.2	24.3	21.7	23.4	20.6	26.8	20.0	22.6	21.5		No linear change	No quadratic change	No change
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months														
	12.9	21.3	13.3	11.1	18.7	19.0	24.5	19.2	20.2	16.2		No linear change	No quadratic change	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
						15.0	16.0	14.4	19.8	12.7		No linear change	Not available <sup>§</sup>	Decreased
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
						6.1	6.8	6.9	11.8	7.5		No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High 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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 1995-2013	No quadratic change	No change
	88.5	88.0	80.9	80.5	59.6	72.2	73.6	64.5	63.5	57.7				
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years												Decreased, 1995-2013	No quadratic change	Decreased
	35.2	40.0	32.7	31.1	22.8	31.7	33.5	26.7	25.2	17.3				
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	46.9	47.3	47.2	33.7	30.6	31.7	30.6	34.4	28.4	22.7				
QN34: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												Decreased, 1995-2013	No quadratic change	No change
	17.0	25.9	27.8	16.3	13.3	10.0	12.4	18.0	16.2	10.4				
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days												Decreased, 1995-2013	No quadratic change	Decreased
	22.4	22.1	26.8	12.3	11.4	11.5	12.7	18.3	13.2	7.5				

\*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 High 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			
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					27.6	18.4	18.5	21.6	23.8	24.2	14.5	No linear change	No quadratic change	Decreased
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
	11.2	17.7	12.7	12.6	8.6	14.3	19.1	19.9	20.1	17.4		Increased, 1995-2013	No quadratic change	No change
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
										21.6	17.6	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														
										33.5	30.8	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High School Survey Trend Analysis Report

<b>Hispanic/Latino 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			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
			93.9	94.0	88.3	77.5	87.5	80.1	77.6	72.2	72.2	Decreased, 1997-2013	No quadratic change	No change
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
		50.2	51.4	48.4	37.5	38.5	36.5	36.5	38.7	33.1	28.9	Decreased, 1995-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			68.8	74.3	58.4	54.3	58.3	52.9	51.6	43.1	42.1	Decreased, 1997-2013	No quadratic change	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
		48.4	52.6	56.2	44.2	31.7	43.5	39.7	37.0	30.0	27.3	Decreased, 1995-2013	No quadratic change	No change
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								27.7	32.8	33.1	34.1	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Hispanic/Latino  
Alcohol and Other Drug 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			
QN47: Percentage of students who used marijuana one or more times during their life														
		52.6	66.4	65.2	59.4	44.3	53.7	51.1	53.7	51.4	50.0	Decreased, 1995-2013	No quadratic change	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
		14.8	20.2	25.3	19.4	10.4	22.0	22.4	21.2	21.4	18.6	No linear change	No quadratic change	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
		34.1	44.0	42.6	32.0	23.0	28.7	25.4	31.1	28.1	25.3	Decreased, 1995-2013	No quadratic change	No change
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
		13.7	22.0	18.9	17.1	9.0	15.8	14.9	20.3	20.0	14.5	No linear change	No quadratic change	No change
QN51: Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life														
		44.5	36.6	20.7	16.6	16.4	20.4	21.2	22.9	25.5	19.4	Decreased, 1995-2013	Decreased, 1995-2001 No change, 2001-2013	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 High School Survey  
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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			
QN52: Percentage of students who used heroin one or more times during their life												Increased, 1999-2013	No quadratic change	No change
				6.7	2.0	2.7	5.9	6.5	9.9	12.7	8.3			
QN53: Percentage of students who used methamphetamines one or more times during their life												Decreased, 1999-2013	No quadratic change	No change
				21.4	18.7	12.8	14.6	9.9	12.0	13.9	9.7			
QN54: Percentage of students who used ecstasy one or more times during their life												Increased, 2003-2013	No quadratic change	No change
						7.3	12.1	11.2	16.3	19.4	14.5			
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life												No linear change	No quadratic change	Decreased
				7.9	9.1	6.4	6.7	5.8	8.7	8.2	11.9			
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life												Decreased, 2011-2013	Not available <sup>§</sup>	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Hispanic/Latino  
Alcohol and Other Drug 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			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life														
		4.6	5.9	5.4	2.8	2.3	5.5	4.4	9.2	11.1	6.4	Increased, 1995-2013	No quadratic change	Decreased
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months														
		36.0	40.3	32.0	24.6	16.1	32.8	32.2	34.7	34.8	24.2	No linear change	No quadratic change	Decreased

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Wyoming High School Survey Trend Analysis Report

#### Hispanic/Latino Sexual Behaviors

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			
QN59: Percentage of students who ever had sexual intercourse												No linear change	No quadratic change	Decreased
	65.8	64.1	67.4	60.4	51.9	56.0	61.6	64.8	64.4	55.5				
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years												No linear change	No quadratic change	Decreased
	12.3	14.5	13.6	6.1	5.8	7.9	11.1	13.5	11.7	6.2				
QN61: Percentage of students who had sexual intercourse with four or more people during their life												No linear change	No quadratic change	No change
	20.3	26.4	27.5	23.0	17.9	18.4	22.9	31.9	25.4	21.5				
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months												No linear change	No quadratic change	No change
	41.4	46.6	50.8	42.7	32.0	42.5	43.6	52.3	46.0	42.0				
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse												Decreased, 2009-2013	Not available <sup>§</sup>	No change
								38.3	28.6	21.7				

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Hispanic/Latino  
Sexual Behaviors

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			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
									54.6	51.0	53.3	No linear change	Not available <sup>§</sup>	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
	85.4	87.3	83.6	84.3	73.4	87.1	84.6	79.9	73.9	77.3	Decreased, 1995-2013	No quadratic change	No change	

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†Based on t-test analysis, p < 0.05.

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
						17.3	10.1	12.9	18.1	16.1		No linear change	Not available <sup>¶</sup>	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
						11.7	14.1	13.9	14.8	11.8		No linear change	Not available	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
	34.4	33.9	34.1	28.1	30.2	33.4	29.2	28.9	31.9	33.1		No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
	47.4	39.2	46.3	41.5	46.0	54.5	45.5	43.3	46.9	48.3		No linear change	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
			14.0	15.1	8.8	16.3	15.9	16.4	20.3	19.0		Increased, 1999-2013	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.

§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.

¶Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

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			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
				7.7	9.6	6.4	9.1	8.8	9.2	15.9	9.1	No linear change	No quadratic change	Decreased
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
	7.3	6.4	5.7	5.6	7.6	8.8	8.6	10.8	13.8	9.6		Increased, 1995-2013	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				85.7	84.2	85.2	82.7	84.5	79.1	74.8	74.9	Decreased, 1999-2013	No quadratic change	No change
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				83.5	90.6	87.3	84.8	84.7	85.0	82.1	91.1	No linear change	No quadratic change	Increased
QN73: Percentage of students who ate green salad one or more times during the past seven days														
				68.2	71.2	68.4	61.8	66.4	60.4	62.7	65.3	No linear change	No quadratic change	No change

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

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			
QN74: Percentage of students who ate potatoes one or more times during the past seven days											Decreased, 1999-2013	No quadratic change	No change	
				79.8	78.0	82.2	74.5	71.2	70.1	66.5	69.4			
QN75: Percentage of students who ate carrots one or more times during the past seven days											Increased, 1999-2013	No quadratic change	No change	
				44.2	45.5	41.3	46.9	50.8	53.8	49.9	55.2			
QN76: Percentage of students who ate other vegetables one or more times during the past seven days											Decreased, 1999-2013	Decreased, 1999-2007 Increased, 2007-2013	No change	
				88.8	81.8	86.8	80.5	75.0	76.3	80.0	81.4			
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days											No linear change	No quadratic change	No change	
				19.9	22.1	21.5	14.4	23.1	21.9	23.7	21.9			
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days											No linear change	No quadratic change	No change	
				21.5	30.1	30.5	25.1	29.0	29.9	29.7	31.3			

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Hispanic/Latino

Weight Management and Dietary Behaviors

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			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days											No linear change	No quadratic change	Decreased	
				9.7	3.1	5.7	4.8	5.4	7.5	10.7	5.6			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days											No linear change	Decreased, 1999-2005 Increased, 2005-2013	No change	
				61.7	62.2	58.5	47.7	60.7	57.5	57.4	62.4			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days											No linear change	No quadratic change	No change	
				15.5	22.7	19.1	14.9	22.2	22.8	21.7	22.3			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days											No linear change	No quadratic change	No change	
				16.1	13.2	13.0	11.3	13.5	19.0	19.8	17.0			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days											Increased, 1999-2013	Increased, 1999-2009 No change, 2009-2013	No change	
				2.4	3.8	3.5	6.1	7.4	9.2	8.3	6.6			

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

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			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
				66.5	67.6	63.9	60.7	60.8	61.0	58.8	64.9	No linear change	No quadratic change	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
				30.1	27.7	28.7	25.3	30.8	30.8	33.1	31.5	No linear change	No quadratic change	No change
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
				10.5	8.7	6.8	8.5	10.5	13.7	14.4	12.4	No linear change	No quadratic change	No change
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								32.6	31.8	26.6	25.0	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								21.4	16.3	21.7	20.9	No linear change	Not available	No change

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

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Hispanic/Latino

Weight Management and Dietary Behaviors

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			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days											Decreased, 2007-2013	Not available <sup>§</sup>	No change	
						23.9	22.6	18.1	16.8					
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days											Decreased, 2007-2013	Not available	No change	
						15.1	14.6	9.9	9.8					

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Hispanic/Latino  
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	2013			
QN80: 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												Increased, 2005-2013	Not available <sup>§</sup>	No change
						29.4	41.9	38.8	42.0	47.4				
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, 2005-2013	Not available	Decreased
						28.3	13.1	16.9	21.4	15.5				
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												Increased, 2005-2013	Not available	No change
						12.3	24.5	20.6	24.6	25.7				
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 1999-2013	No quadratic change	No change
			41.6	25.0	33.8	35.3	32.2	34.0	29.5	26.5				
QN82: 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
						12.7	23.9	23.8	35.5					

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
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Hispanic/Latino  
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	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
		68.5	55.0	71.0	56.4	54.3	58.2	54.5	62.0	57.7	58.8	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														
		51.0	31.4	41.3	29.7	22.6	22.1	26.7	26.6	22.7	26.2	Decreased, 1995-2013	Decreased, 1995-2003 No change, 2003-2013	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
				50.5	61.4	45.3	55.4	56.2	59.1	59.2	60.0	Increased, 1999-2013	No quadratic change	No change

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

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Hispanic/Latino												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Other														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma												No linear change	Not available <sup>§</sup>	No change
						17.8	25.9	21.6	27.8	23.9				

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