

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota High School Survey Trend Analysis Report

Total Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
				31.9	20.7	21.4	17.4	15.0	17.0	13.4	11.6	Decreased, 1999-2013	Decreased, 1999-2003 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														
	48.7			48.0	43.5	42.8	37.4	31.5	28.3	25.1	21.9	Decreased, 1995-2013	Decreased, 1995-2003 Decreased, 2003-2013	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														
	9.7			7.5	6.4	5.7	6.0	5.0	5.4	5.7	6.4	Decreased, 1995-2013	Decreased, 1995-2007 No change, 2007-2013	No change
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
	11.6			10.0	11.1	8.6	10.7	9.6	7.4	8.2	8.8	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.

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Total Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					8.6	8.8	7.1	7.1	6.5	6.4	7.7	Decreased, 2001-2013	No quadratic change	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									21.1	24.9	25.4	Increased, 2009-2013	Not available [§]	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
										17.4	17.1	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														
				25.0	25.9	20.8	20.3	17.1	22.9	23.8	25.4	No linear change	Decreased, 1999-2007 Increased, 2007-2013	No change
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
	25.4			18.8	19.0	13.6	15.4	10.4	12.4	14.7	16.1	Decreased, 1995-2013	Decreased, 1995-2007 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.

§Not enough years of data to calculate.

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Total 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			
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months														
		19.9		14.3	13.9	11.3	12.2	8.1	10.5	12.1	13.5	Decreased, 1995-2013	Decreased, 1995-2007 Increased, 2007-2013	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
		7.5		6.4	7.5	7.2	6.4	8.8	5.7	10.8	11.5	Increased, 1995-2013	No change, 1995-2005 Increased, 2005-2013	No change

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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														
				73.1	67.9	61.5	55.9	49.1	46.5	44.1	41.4	Decreased, 1999-2013	Decreased, 1999-2009 Decreased, 2009-2013	No change
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
				22.0	25.4	18.7	17.3	13.8	12.3	8.6	7.9	Decreased, 1999-2013	No change, 1999-2003 Decreased, 2003-2013	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
		39.6		40.6	35.3	30.2	22.1	21.1	22.4	19.4	19.0	Decreased, 1995-2013	No quadratic change	No change
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
		19.8		20.5	18.7	16.0	11.9	9.9	9.3	8.3	6.6	Decreased, 1995-2013	No change, 1995-2001 Decreased, 2001-2013	No change
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														
					14.7	14.5	13.1	11.8	8.4	9.7	7.8	Decreased, 2001-2013	No quadratic change	No change

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Total Tobacco Use	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN38: Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months														
					58.1	57.8	65.1	56.6	53.2	52.8	55.5	Decreased, 2001-2013	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
				15.1	13.2	10.3	11.2	11.7	15.3	13.6	13.8	No linear change	Decreased, 1999-2003 Increased, 2003-2013	No change
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
						13.0	12.2	11.4	12.4	13.5	11.7	No linear change	No quadratic change	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														
						34.1	27.7	27.4	30.6	28.3	25.7	Decreased, 2003-2013	No quadratic change	No change

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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			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
								73.9	72.3	68.3	65.8	Decreased, 2007-2013	Not available [§]	No change
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
	32.3		28.9	29.8	25.4	19.7	19.7	19.9	16.7	15.2		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														
	60.7		60.5	59.2	54.2	49.0	46.1	43.3	38.8	35.3		Decreased, 1995-2013	No change, 1995-2001 Decreased, 2001-2013	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														
			46.2	41.5	39.5	33.8	32.5	30.7	25.6	21.9		Decreased, 1999-2013	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														
								32.4	35.7	33.5	37.0	No linear change	Not available	No change

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†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

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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			
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
	5.3			6.5	6.9	7.9	6.7	5.4	6.4	6.3	5.6	No linear change	Increased, 1995-2003 Decreased, 2003-2013	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
	14.9			18.8	22.0	20.6	15.5	14.8	16.9	15.3	15.9	Decreased, 1995-2013	Increased, 1995-2001 Decreased, 2001-2013	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														
				15.5	15.1	10.7	10.9	11.1	11.5	11.6	10.5	Decreased, 1999-2013	Decreased, 1999-2003 No change, 2003-2013	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														
										16.2	17.6	No linear change	Not available [§]	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														
	27.6			24.0	27.3	21.3	19.6	18.7	19.5	20.8	14.1	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			
QN59: Percentage of students who ever had sexual intercourse														
					42.0	42.8	41.2	42.6	44.6	44.8	44.9	No linear change	No quadratic change	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
	5.9			3.9	4.4	4.2	3.3	3.0	3.5	3.7	3.8	Decreased, 1995-2013	Decreased, 1995-2007 No change, 2007-2013	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
	12.3			11.4	12.1	12.4	11.3	10.9	11.7	13.2	12.7	No linear change	No quadratic change	No change

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Total												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			
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) [§]														
				11.6	12.2	10.8	12.7	13.5	13.4	14.5	15.1	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) [§]														
				7.2	9.2	9.2	11.1	9.9	10.9	11.0	13.5	Increased, 1999-2013	No quadratic change	Increased
QN66: Percentage of students who described themselves as slightly or very overweight														
	34.6			34.1	31.9	32.3	32.7	30.5	29.3	28.6	32.0	Decreased, 1995-2013	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
	46.2			43.8	47.5	45.9	47.3	47.2	43.2	43.4	45.4	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														
								9.7	9.9	10.3	11.9	No linear change	Not available [¶]	No change

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†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.

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Total												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										
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												5.6	4.6	5.0	6.3	No linear change	Not available [§]	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												4.4	4.7	4.1	5.4	No linear change	Not available	No change			
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days												86.3	84.0	82.6	83.2	81.6	84.0	79.5	Decreased, 2001-2013	No quadratic change	Decreased
QN72: Percentage of students who ate fruit one or more times during the past seven days												87.4	90.1	88.9	89.0	88.0	90.6	92.4	Increased, 2001-2013	No quadratic change	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days												68.9	67.2	66.6	64.7	58.5	61.0	62.3	Decreased, 2001-2013	No quadratic change	No change

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Total												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														
					81.9	82.9	80.6	76.4	76.9	76.9	73.7	Decreased, 2001-2013	No quadratic change	No change
QN75: Percentage of students who ate carrots one or more times during the past seven days														
					56.6	58.3	55.3	55.5	50.0	52.2	53.1	Decreased, 2001-2013	No quadratic change	No change
QN76: Percentage of students who ate other vegetables one or more times during the past seven days														
					85.2	85.6	84.9	84.6	81.5	82.6	83.0	Decreased, 2001-2013	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														
					18.1	17.3	13.8	16.6	13.7	17.4	17.2	No linear change	No quadratic change	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														
					28.1	25.1	24.2	26.8	23.5	28.7	28.9	No linear change	Decreased, 2001-2005 Increased, 2005-2013	No change

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Total												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
					4.5	4.1	4.7	4.6	5.7	2.8	3.4			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												Increased, 2001-2013	No change, 2001-2009 Increased, 2009-2013	No change
					61.7	60.6	57.3	59.5	58.0	63.6	64.7			
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	Decreased, 2001-2005 No change, 2005-2013	No change
					17.2	14.3	13.7	15.6	13.6	16.2	16.3			
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
					11.4	14.3	10.1	10.8	8.0	10.8	12.0			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												Increased, 2001-2013	No quadratic change	Increased
					2.6	3.5	3.5	3.7	4.8	3.8	6.0			

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Total												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														
					66.4	68.6	65.2	62.7	58.6	60.6	62.8	Decreased, 2001-2013	No quadratic change	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
					28.7	31.5	24.1	24.9	22.7	22.8	27.0	Decreased, 2001-2013	No quadratic change	Increased
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														
					6.8	8.9	6.2	7.8	4.9	8.4	8.6	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														
								28.6	26.3	26.8	23.4	Decreased, 2007-2013	Not available [§]	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														
								19.6	16.5	20.4	25.3	Increased, 2007-2013	Not available	Increased

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Total												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												16.8	16.3	17.5	14.5	No linear change	Not available [§]	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												9.0	7.6	8.8	6.9	No linear change	Not available	No change				
QN78: Percentage of students who drank three or more glasses per day of milk during the past seven days												33.8	28.9	26.1	26.9	25.4	22.4	23.4	22.2	Decreased, 1999-2013	Decreased, 1999-2003 Decreased, 2003-2013	No change
QNMILK0: Percentage of students who drank 0 glasses per day of milk during the past seven days												7.6	9.2	10.3	9.1	8.7	8.1	9.3	11.1	No linear change	No quadratic change	No change
QNMILK1: Percentage of students who drank one or more glasses per day of milk during the past seven days												66.8	60.5	58.7	60.0	61.3	57.6	59.0	56.4	Decreased, 1999-2013	No quadratic change	No change

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Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNMILK2: Percentage of students who drank two or more glasses per day of milk during the past seven days														
				54.5	48.2	46.6	46.0	46.2	42.2	44.4	42.4	Decreased, 1999-2013	Decreased, 1999-2003 No change, 2003-2013	No change
QN79: Percentage of students who ate breakfast on all of the past seven days														
										38.2	37.7	No linear change	Not available [§]	No change
QNNOBKFT: Percentage of students who ate breakfast on none of the past seven days														
										10.2	10.5	No linear change	Not available	No change

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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											
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												47.8	43.7	45.7	50.6	No linear change	Not available [§]	Increased				
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												12.3	13.7	12.4	10.9	No linear change	Not available	No change				
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												21.8	22.3	21.8	24.7	No linear change	Not available	No change				
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												27.7	26.3	21.3	24.4	25.0	25.6	24.8	21.0	Decreased, 1999-2013	No quadratic change	Decreased
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												18.6	18.4	25.1	34.4	Increased, 2007-2013	Not available	Increased				

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Total Site-Added	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN87: Percentage of students who would describe their grades in school as mostly A's or B's during the past 12 months														
										72.0	73.6	No linear change	Not available [§]	No change
QN88: Among students who drive a car, the percentage who never or rarely wear a seat belt when driving														
								14.8	17.9	13.3	12.2	Decreased, 2007-2013	Not available	No change
QN90: Percentage of students who have had an all terrain vehicle (ATV) accident that had to be treated by a doctor or nurse during the past 12 months														
										3.8	3.5	No linear change	Not available	No change
QN93: Percentage of students who used dissolvable tobacco products such as Ariva, Stonewall, Camel Orbs, Strips, or Sticks, on one or more of the past 30 days														
										2.5	2.4	No linear change	Not available	No change
QN94: Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days														
		8.6		5.5	6.4	5.1	3.6	4.4	4.2	3.1	4.2	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.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota High School Survey Trend Analysis Report

Total Site-Added	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			
QN95: Percentage of students who disagree that in their community, drinking among teenagers is acceptable										42.6	41.9		No linear change	Not available [§]	No change
QN96: Percentage of students who think there is no risk of people harming themselves (physically or in other ways) if they have five or more drinks of an alcoholic beverage (beer, wine, or liquor) once or twice each week										12.5	9.5	8.1	Decreased, 2009-2013	Not available	No change
QN97: Percentage of students who have taken over-the-counter drugs to get high one or more times during their life										13.3	11.2	10.9	No linear change	Not available	No change
QN100: Percentage of students who exercised to lose weight or to keep from gaining weight during the past 30 days		56.1		57.8	60.8	57.8	60.8	62.7	61.1	60.6	63.5		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.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota High School Survey Trend Analysis Report

Total Site-Added	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
QN101: Percentage of students who ate less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight during the past 30 days															
					39.2	41.5	41.3	38.5	39.4	38.4	39.3	41.8	No linear change	No quadratic change	No change
QN102: Percentage of students who drank sugar-containing beverages 1 or more times per day during the past seven days															
										37.2	37.6	33.6	No linear change	Not available [§]	Decreased
QN103: Percentage of students who ate a meal with their family three or more of the past seven days															
									70.4	72.3	69.7		No linear change	Not available	No change
QN106: Percentage of students who during an average physical education (PE) class, spent more than 20 minutes actually exercising or playing sports															
						44.0	47.9	59.5	59.7	59.7	60.5		Increased, 2003-2013	Increased, 2003-2007 No change, 2007-2013	No change
QN107: Percentage of students who did exercises to strengthen or tone their muscles, such as push-ups, sit-ups, or weight lifting, on three or more of the past seven days															
									53.2	49.2	52.5		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

North Dakota High School Survey Trend Analysis Report

Total Site-Added	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
QN108: Percentage of students who exercised or participated in physical activity for at least 20 minutes that made them sweat and breathe hard, such as basketball, soccer, running, swimming laps, fast bicycling, fast dancing, or similar aerobic activities on three or more of the past seven days															
									65.6	57.9	60.5	Decreased, 2009-2013	Not available [§]	No change	
QN109: Percentage of students who saw a dentist for a check-up, exam, teeth cleaning, or other dental work during the past 12 months															
									76.0	76.1	73.9	No linear change	Not available	No change	
QN110: Percentage of students who brushed their teeth on seven of the past seven days															
										71.5	71.5	No linear change	Not available	No change	
QN111: Percentage of students who have three or fewer cavities in their permanent teeth															
									78.2	83.0	79.5	82.4	Increased, 2007-2013	Not available	Increased
QN115: Percentage of students who have one or more adults that they can talk to if they have a personal problem in their life															
									85.2	85.6	84.3	No linear change	Not available	No change	

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

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§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota High School Survey Trend Analysis Report

Total Site-Added	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN116: Percentage of students who received help from a resource teacher, speech therapist, or other special education teacher at school during the past 12 months														
										16.7	14.8	No linear change	Not available [§]	No change
QN119: Percentage of students who describe themselves as gay or lesbian or bisexual														
									4.7	4.1	6.2	No linear change	Not available	Increased
QN120: Percentage of students who have ever been tested for a sexually transmitted disease (STD) including HIV, the virus that causes AIDS														
									11.9	11.9	12.8	No linear change	Not available	No change
QN122: Percentage of students whose parents or other adults in their family talked with them about what they expect them to do or not to do when it comes to sex														
									60.8	58.4		No linear change	Not available	No change

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

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

§Not enough years of data to calculate.