

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey Risk Behaviors and Academic Achievement Report

Total Unintentional Injuries/Violence	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car	2.8 (1.9-4.2)	7.4 (5.3-10.3)	9.9 (6.5-14.8)	21.3 (13.8-31.4)	Yes
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol	23.8 (20.3-27.6)	29.1 (26.0-32.4)	33.8 (27.8-40.3)	34.2 (25.1-44.7)	No
QN13: Percentage of students who had ever been bullied on school property	45.8 (42.5-49.1)	55.6 (51.9-59.2)	57.0 (50.9-62.8)	61.7 (49.8-72.3)	Yes
QN14: Percentage of students who had ever been electronically bullied	23.4 (20.3-26.8)	30.3 (26.9-33.9)	27.8 (22.5-33.9)	44.5 (34.2-55.3)	Yes
QN15: Percentage of students who ever seriously thought about killing themselves	12.8 (10.6-15.4)	18.1 (15.4-21.2)	20.3 (15.9-25.5)	33.0 (22.9-45.0)	Yes
QN16: Percentage of students who ever made a plan about how they would kill themselves	10.6 (8.5-13.1)	9.7 (7.4-12.6)	16.8 (12.5-22.3)	26.6 (17.5-38.2)	Yes
QN17: Percentage of students who ever tried to kill themselves	2.5 (1.6-3.7)	4.4 (3.0-6.4)	8.8 (5.9-13.0)	13.7 (8.2-21.9)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey
Risk Behaviors and Academic Achievement Report

Total
Tobacco Use

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs	5.3 (3.8-7.4)	17.9 (14.3-22.1)	31.8 (25.0-39.5)	42.3 (32.4-52.8)	Yes
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years	0.6 (0.3-1.4)	2.7 (1.6-4.5)	7.0 (4.6-10.4)	10.3 (6.5-15.9)	Yes
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days	0.6 (0.3-1.3)	2.7 (1.6-4.4)	9.3 (6.2-13.5)	23.4 (15.1-34.4)	Yes
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days	0.1 (0.0-0.5)	0.9 (0.3-3.2)	1.6 (0.7-3.8)	7.8 (4.1-14.3)	Yes
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days	1.4 (0.7-2.7)	2.2 (1.2-4.2)	5.8 (3.4-9.9)	17.1 (10.6-26.6)	Yes
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days	0.3 (0.1-0.8)	1.4 (0.8-2.4)	3.8 (2.2-6.5)	10.9 (5.6-19.9)	Yes
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	1.9 (1.1-3.4)	4.6 (3.0-6.9)	13.0 (9.4-17.7)	32.0 (23.1-42.3)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey Risk Behaviors and Academic Achievement Report

Total Alcohol/Other Drug Use	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips	13.1 (10.6-16.0)	26.5 (22.5-31.0)	42.5 (35.5-49.8)	50.2 (39.6-60.8)	Yes
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years	2.9 (1.8-4.7)	8.3 (6.6-10.4)	12.3 (8.9-16.8)	15.4 (9.8-23.4)	Yes
QN29: Percentage of students who tried marijuana for the first time before age 11 years	0.5 (0.2-1.5)	2.6 (1.5-4.5)	6.0 (3.8-9.3)	12.3 (6.8-21.1)	Yes
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high	3.5 (2.5-5.0)	6.2 (4.6-8.2)	9.7 (6.2-14.7)	12.8 (7.8-20.3)	Yes
QN33: Percentage of students who ever took a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription	3.2 (2.2-4.6)	4.1 (2.9-5.9)	7.8 (4.9-12.2)	16.7 (11.0-24.5)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey Risk Behaviors and Academic Achievement Report

Total Sexual Behaviors	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN34: Percentage of students who ever had sexual intercourse	2.8 (1.9-4.1)	6.5 (4.3-9.6)	17.3 (13.0-22.7)	27.4 (18.9-37.8)	Yes
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years	0.5 (0.2-1.0)	1.3 (0.6-2.6)	2.3 (1.0-5.3)	4.2 (1.7-10.3)	No
QN37: Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse	57.4 (37.9-74.8)	67.7 (49.5-81.7)	71.1 (56.0-82.6)	-	

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

- = Fewer than 30 students in this subgroup.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey Risk Behaviors and Academic Achievement Report

**Total
Dietary Behaviors**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN38: Percentage of students who described themselves as slightly or very overweight	24.2 (21.0-27.8)	27.0 (23.5-30.8)	31.0 (24.7-38.2)	37.2 (27.4-48.2)	Yes
QN39: Percentage of students who were trying to lose weight	41.2 (37.5-44.9)	47.7 (43.6-51.9)	50.4 (44.3-56.5)	56.3 (46.6-65.5)	Yes
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight	1.5 (0.9-2.4)	4.8 (3.4-6.8)	6.7 (4.0-11.0)	11.6 (7.0-18.5)	Yes
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight	2.9 (1.8-4.6)	4.0 (2.7-6.0)	5.4 (3.2-8.7)	11.5 (6.3-20.1)	Yes
QN43: Percentage of students who ate breakfast on all of the past seven days	54.4 (51.1-57.6)	42.6 (38.3-47.0)	38.4 (31.8-45.5)	39.1 (29.3-49.8)	Yes
QNNOBKFT: Percentage of students who ate breakfast on none of the past seven days	4.3 (3.1-5.8)	9.2 (7.0-12.0)	12.5 (8.5-18.0)	15.1 (7.9-27.0)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey Risk Behaviors and Academic Achievement Report

Total Physical Activity	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days	69.9 (66.6-73.0)	63.1 (58.5-67.5)	56.6 (50.1-62.9)	48.5 (38.9-58.3)	Yes
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	3.0 (2.1-4.2)	4.1 (2.8-6.1)	7.1 (4.2-11.7)	16.7 (11.1-24.4)	Yes
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	36.1 (32.5-39.9)	32.8 (29.4-36.4)	29.5 (23.3-36.6)	27.2 (17.7-39.3)	Yes
QN45: Percentage of students who watched three or more hours per day of TV on an average school day	18.8 (16.2-21.7)	29.3 (25.4-33.4)	35.0 (28.7-41.8)	48.8 (36.1-61.7)	Yes
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day	26.0 (23.2-29.1)	35.4 (31.8-39.2)	42.2 (35.2-49.5)	55.3 (43.2-66.9)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey
Risk Behaviors and Academic Achievement Report

Total Other	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection	74.2 (69.0-78.8)	72.0 (65.9-77.3)	69.5 (63.0-75.3)	61.2 (49.6-71.7)	No

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey
Risk Behaviors and Academic Achievement Report

Total Site-Added	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN52: 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	2.7 (1.7-4.2)	5.7 (3.7-8.7)	5.4 (3.3-8.9)	13.0 (7.0-22.8)	Yes
QN53: Percentage of students who first drove an ATV by themselves before age 12	56.7 (53.1-60.2)	58.6 (54.8-62.3)	58.9 (51.7-65.7)	55.5 (46.2-64.5)	No
QN54: Percentage of students who ever carried a weapon, such as a gun, knife, or club, on school property	3.6 (2.4-5.4)	6.2 (4.7-8.1)	6.8 (4.2-10.9)	14.0 (8.2-22.9)	Yes
QN55: Percentage of students who were in a physical fight on school property during the past 12 months	4.5 (3.0-6.7)	10.5 (7.8-14.1)	15.7 (12.0-20.4)	29.2 (21.5-38.4)	Yes
QN56: Percentage of students who have ever been the victim of teasing or name calling during the past 12 months because someone thought they were gay, lesbian, or bisexual	10.9 (9.0-13.2)	17.2 (14.6-20.1)	21.5 (16.5-27.5)	30.7 (22.1-41.0)	Yes
QN57: 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	0.5 (0.2-1.2)	0.6 (0.2-1.6)	2.3 (1.0-5.3)	4.7 (2.1-10.1)	Yes
QN58: Percentage of students who had five or more drinks of alcohol in a row within a couple of hours on one or more of the past 30 days	1.7 (1.0-3.1)	5.6 (3.9-7.9)	13.2 (9.7-17.7)	15.9 (9.6-25.4)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey Risk Behaviors and Academic Achievement Report

**Total
Site-Added**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN59: Percentage of students who disagree that in their community, drinking among teenagers is acceptable	73.9 (70.5-77.0)	62.8 (58.6-66.8)	52.4 (46.9-57.9)	50.1 (41.4-58.9)	Yes
QN60: Percentage of students who have ever taken an over-the-counter drug to get high	2.2 (1.3-3.7)	3.4 (2.2-5.2)	9.4 (6.4-13.7)	15.0 (9.0-23.9)	Yes
QN61: Percentage of students who attended school under the influence of alcohol or other drugs on one or more of the past 30 days	3.8 (2.7-5.2)	5.8 (4.0-8.4)	13.3 (9.8-17.9)	19.2 (12.0-29.2)	Yes
QN62: Percentage of students who have ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight	43.5 (40.5-46.6)	41.5 (38.0-45.2)	44.6 (39.1-50.4)	45.2 (35.5-55.4)	No
QN63: Percentage of students who drank three or more glasses of milk per day during the past seven days	38.9 (35.4-42.5)	29.3 (25.5-33.5)	26.5 (21.6-32.0)	17.1 (10.2-27.2)	Yes
QN64: Percentage of students who ate fruit one or more times during the past seven days	96.7 (95.1-97.8)	96.1 (94.2-97.4)	88.4 (84.0-91.7)	80.7 (70.1-88.2)	Yes
QN65: Percentage of students who ate vegetables one or more times during the past seven days	96.7 (95.4-97.7)	90.0 (87.1-92.2)	84.0 (78.2-88.5)	80.1 (73.1-85.7)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey
Risk Behaviors and Academic Achievement Report

Total Site-Added	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
Health Risk Behavior					
QN66: Percentage of students who ate a meal with their family on three or more of the past seven days	86.0 (83.5-88.1)	82.1 (79.1-84.8)	73.0 (67.2-78.2)	64.1 (52.9-73.9)	Yes
QN67: Percentage of students who most of the time or always went hungry during the past 30 days because there was not enough food in their home	1.1 (0.6-2.0)	2.4 (1.5-3.9)	6.6 (4.1-10.6)	4.7 (1.9-11.1)	Yes
QN68: Percentage of students who saw a dentist for a check-up, exam, teeth cleaning, or other dental work during the past 12 months	87.4 (84.8-89.6)	71.4 (67.3-75.3)	64.1 (57.1-70.6)	56.3 (46.1-66.0)	Yes
QN69: Percentage of students who brushed their teeth on all of the past seven days	74.2 (71.6-76.7)	58.8 (54.6-62.9)	56.2 (47.8-64.1)	56.5 (45.3-66.9)	Yes
QN70: Percentage of students who have had no more than three cavities in their permanent teeth	86.5 (83.9-88.8)	82.7 (79.8-85.2)	78.6 (72.6-83.5)	84.0 (75.0-90.1)	Yes
QN71: Percentage of students who most of the time or always wear sunscreen with an SPF of 15 or higher when they are outside for more than one hour on a sunny day	26.3 (23.2-29.8)	12.1 (9.7-15.1)	11.0 (7.4-16.1)	12.9 (6.6-23.7)	Yes
QN72: Percentage of students who received help from a resource teacher, speech therapist, or other special education teacher at school during the past 12 months	8.5 (6.6-10.8)	19.4 (16.1-23.2)	28.1 (22.6-34.4)	30.9 (22.7-40.6)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Dakota Middle School Survey Risk Behaviors and Academic Achievement Report

**Total
Site-Added**

Health Risk Behavior	Percentage of students who engaged in each risk behavior, by type of grades mostly earned in school				Significant Association*
	A's	B's	C's	D's/F's	
	% 95% CI†	% 95% CI	% 95% CI	% 95% CI	
QN73: Percentage of students who have any long term health problems	13.0 (10.9-15.3)	15.2 (12.2-18.7)	16.0 (12.0-21.1)	24.8 (17.3-34.2)	Yes
QN74: Percentage of students who describe themselves as gay or lesbian or bisexual	1.9 (1.3-2.8)	2.4 (1.4-4.2)	2.7 (1.2-6.0)	9.0 (4.6-16.9)	Yes
QN75: 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	42.1 (37.5-46.8)	41.0 (35.9-46.4)	42.6 (37.2-48.3)	40.0 (31.3-49.3)	No
QN76: Percentage of students who have ever had the HPV vaccine, a vaccine to prevent human papillomavirus or HPV infection	28.1 (24.8-31.5)	22.8 (19.0-27.1)	22.3 (17.2-28.4)	25.0 (15.6-37.6)	No
QNMILK0: Percentage of students who drank 0 glasses per day of milk during the past seven days	5.6 (3.9-8.0)	3.9 (2.6-5.9)	10.0 (6.1-16.1)	19.7 (12.4-29.8)	Yes
QNMILK1: Percentage of students who drank one or more glasses per day of milk during the past seven days	72.1 (68.7-75.3)	63.0 (58.8-67.1)	58.3 (50.7-65.5)	47.5 (36.1-59.2)	Yes
QNMILK2: Percentage of students who drank two or more glasses per day of milk during the past seven days	59.5 (55.8-63.1)	51.2 (46.6-55.7)	47.5 (40.6-54.5)	36.7 (27.0-47.5)	Yes

*Based on logistic regression analysis controlling for sex, race/ethnicity, and grade in school, p<0.05.

† Confidence interval.