

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS
North Dakota High School Survey
Trend Analysis Report

Total Injury and Violence	Health Risk Behavior and Percentages													Linear Change*	Quadratic Change*	Change from 2017-2019 †		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015				2017	2019
QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)																		
				25.0	25.9	20.8	20.3	17.1	22.9	23.8	25.4	27.2	28.9	30.5	Increased, 1999-2019	Decreased, 1999-2007 Increased, 2007-2019	No change	
QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)																		
				25.4		18.8	19.0	13.6	15.4	10.4	12.4	14.7	16.1	16.2	16.7	18.8	Decreased, 1995-2019 Increased, 2007-2019	No change
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)																		
				19.9		14.3	13.9	11.3	12.2	8.1	10.5	12.1	13.5	13.5	14.5	15.3	Decreased, 1995-2019 Increased, 2007-2019	No change
QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)																		
				7.5		6.4	7.5	7.2	6.4	8.8	5.7	10.8	11.5	9.4	13.5	13.0	Increased, 1995-2019 No change, 1995-2005 Increased, 2005-2019	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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Summary Tables - Weighted Data

QN25: Percentage of students who felt sad or hopeless (almost every day for ≥ 2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

	Total		Male		Female				
	Percentage	95% confidence interval	Percentage	95% confidence interval	Percentage	95% confidence interval			
Age									
Total	30.5	(28.2 - 33.0)	2,039	20.3	(18.2 - 22.6)	1,024	40.8	(36.6 - 45.2)	1,004
15 or younger	30.2	(25.6 - 35.2)	875	18.3	(14.7 - 22.6)	411	41.2	(34.3 - 48.4)	459
16 or 17	30.5	(27.5 - 33.6)	947	21.8	(19.0 - 24.9)	501	39.6	(34.3 - 45.2)	444
18 or older	31.6	(25.6 - 38.3)	213	20.0	(12.8 - 29.9)	111	44.0	(33.6 - 54.9)	101
Grade									
9th	28.7	(23.4 - 34.7)	618	16.9	(12.8 - 22.1)	286	40.1	(32.1 - 48.6)	331
10th	32.4	(28.5 - 36.5)	561	21.7	(16.5 - 27.9)	301	43.3	(37.1 - 49.6)	258
11th	31.5	(27.4 - 35.8)	493	20.8	(16.2 - 26.2)	247	42.1	(36.2 - 48.2)	244
12th	29.8	(24.6 - 35.7)	351	21.8	(16.0 - 29.1)	181	38.2	(29.0 - 48.3)	168
Race/Ethnicity									
Black*	-	-	72	-	-	36	-	-	35
Hispanic/Latino	33.8	(27.2 - 41.0)	138	-	-	78	-	-	59
Native American*	46.8	(36.5 - 57.4)	117	-	-	58	-	-	59
White*	28.2	(26.0 - 30.6)	1,527	19.8	(17.1 - 22.7)	772	36.9	(33.2 - 40.7)	753
All other races*	-	-	49	-	-	25	-	-	24
Multiple races*	-	-	84	-	-	33	-	-	49

Note: 6 students were excluded from this analysis.

*Non-Hispanic.

N = Number of students in this subgroup.

- = Fewer than 100 students in this subgroup.

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QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey)

	Total		Male		Female				
	Percentage	95% confidence interval	Percentage	95% confidence interval	Percentage	95% confidence interval			
Age									
Total	18.8	(16.6 - 21.2)	2,031	11.9	(10.0 - 14.1)	1,019	25.5	(21.7 - 29.7)	1,001
15 or younger	21.5	(17.9 - 25.5)	870	14.3	(10.9 - 18.6)	407	27.8	(22.5 - 33.8)	458
16 or 17	18.6	(15.5 - 22.1)	945	11.7	(9.4 - 14.5)	501	25.6	(20.0 - 32.1)	442
18 or older	12.7	(8.3 - 18.9)	213	6.5	(3.4 - 12.1)	111	18.9	(11.4 - 29.6)	101
Grade									
9th	21.2	(16.8 - 26.3)	616	13.0	(9.5 - 17.4)	285	29.3	(22.5 - 37.3)	331
10th	21.9	(17.4 - 27.0)	557	17.0	(11.9 - 23.6)	298	26.5	(20.1 - 34.0)	256
11th	19.0	(15.6 - 23.0)	491	10.1	(6.9 - 14.4)	246	27.5	(21.4 - 34.5)	243
12th	12.2	(9.1 - 16.1)	351	6.4	(3.9 - 10.5)	181	18.0	(12.3 - 25.5)	168
Race/Ethnicity									
Black*	-	-	71	-	-	36	-	-	35
Hispanic/Latino	23.0	(17.3 - 30.0)	137	-	-	77	-	-	59
Native American*	33.1	(22.8 - 45.2)	116	-	-	58	-	-	58
White*	17.2	(14.8 - 19.9)	1,523	11.8	(9.5 - 14.6)	769	22.5	(18.8 - 26.8)	751
All other races*	-	-	49	-	-	25	-	-	24
Multiple races*	-	-	84	-	-	33	-	-	49

Note: 14 students were excluded from this analysis.

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QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)

	Total		Male		Female				
	Percentage	95% confidence interval	Percentage	95% confidence interval	Percentage	95% confidence interval			
Age									
Total	15.3	(13.5 - 17.4)	2,036	11.3	(9.5 - 13.5)	1,021	19.4	(16.1 - 23.2)	1,002
15 or younger	16.7	(14.2 - 19.5)	875	13.2	(10.0 - 17.2)	410	20.1	(16.4 - 24.5)	459
16 or 17	15.8	(13.0 - 19.2)	947	10.6	(8.2 - 13.6)	501	21.2	(16.0 - 27.6)	443
18 or older	10.0	(6.4 - 15.4)	211	9.2	(4.3 - 18.4)	110	11.0	(6.7 - 17.7)	100
Grade									
9th	15.6	(12.9 - 18.7)	618	9.6	(6.8 - 13.3)	286	21.6	(17.3 - 26.6)	331
10th	19.5	(15.7 - 24.0)	558	17.7	(13.2 - 23.2)	299	21.3	(15.5 - 28.6)	257
11th	13.6	(10.7 - 17.2)	491	7.9	(5.3 - 11.6)	246	19.1	(13.7 - 26.1)	243
12th	12.0	(8.4 - 16.7)	352	9.1	(5.4 - 15.0)	181	15.2	(9.5 - 23.6)	168
Race/Ethnicity									
Black*	-	-	72	-	-	36	-	-	35
Hispanic/Latino	17.8	(12.5 - 24.8)	136	-	-	76	-	-	59
Native American*	28.5	(18.2 - 41.6)	116	-	-	58	-	-	58
White*	13.5	(11.7 - 15.6)	1,525	10.9	(8.8 - 13.3)	771	16.2	(13.0 - 20.0)	752
All other races*	-	-	49	-	-	25	-	-	24
Multiple races*	-	-	84	-	-	33	-	-	49

Note: 9 students were excluded from this analysis.

*Non-Hispanic.

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QN28: Percentage of students who attempted suicide (one or more times during the 12 months before the survey)

	Total		Male		Female				
	Percentage	95% confidence interval	Percentage	95% confidence interval	Percentage	95% confidence interval			
Age									
Total	13.0	(11.2 - 15.1)	2,039		1,023		1,003		
15 or younger	12.3	(10.4 - 14.4)	874	9.9	(7.4 - 13.1)	409	14.3	(11.4 - 17.8)	458
16 or 17	14.8	(11.6 - 18.6)	948	11.2	(8.6 - 14.5)	502	18.4	(13.0 - 25.3)	444
18 or older	9.2	(5.5 - 14.9)	213	12.7	(7.3 - 21.2)	111	5.4	(2.4 - 11.5)	101
Grade									
9th	12.2	(10.1 - 14.8)	616	9.6	(6.9 - 13.2)	285	14.9	(11.6 - 18.9)	330
10th	16.9	(12.6 - 22.2)	563	14.5	(10.2 - 20.3)	302	19.2	(12.8 - 27.7)	258
11th	11.1	(7.8 - 15.5)	492	8.1	(5.6 - 11.6)	246	13.8	(7.9 - 23.0)	244
12th	11.3	(8.3 - 15.2)	352	10.8	(7.2 - 15.9)	181	11.3	(6.5 - 18.7)	168
Race/Ethnicity									
Black*	-	-	72	-	-	36	-	-	35
Hispanic/Latino	18.8	(12.6 - 27.0)	138	-	-	78	-	-	59
Native American*	26.9	(16.3 - 41.0)	117	-	-	58	-	-	59
White*	10.4	(8.7 - 12.4)	1,526	9.4	(7.5 - 11.7)	771	11.4	(8.8 - 14.6)	752
All other races*	-	-	49	-	-	25	-	-	24
Multiple races*	-	-	84	-	-	33	-	-	49

Note: 6 students were excluded from this analysis.

*Non-Hispanic.

N = Number of students in this subgroup.

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