# Wisconsin High School Survey 10-year Trend Analysis Report

Total Injury and Violence

		Health Risk Behav	vior and Percentag		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 †	
2009	2011	2013	2015	2017	2019			
QN8: Percentag	e of students who r	arely or never wore	a seat belt (when r	iding in a car driven	by someone else	)		
14.6	10.3	8.3		5.9	5.0	Decreased, 2009-2019	Not available§	No change
		ode with a driver w		ng alcohol (in a car o	or other vehicle,			
24.3	22.9	20.6		17.4	16.2	Decreased, 2009-2019	Not available	No change
	ng the 30 days before			had been drinking a driven a car or othe				,
		8.9		5.5	5.5	Decreased, 2013-2019	Not available	No change

1

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ys before the surve	texted or e-mailed v y, among students w						
		47.9		45.7	47.5	No linear change	Not available§	No chang
		did not go to school g the 30 days before		insafe at school or o	on their way to or			,
				insafe at school or 6	on their way to or	Increased, 2009-2019	Not available	No chang
3.7 2N16: Percenta	at least 1 day durin 3.4 ge of students who	g the 30 days before	the survey)	6.3	6.8	Increased, 2009-2019	Not available	No chan
3.7 2N16: Percenta	at least 1 day durin 3.4 ge of students who	g the 30 days before 5.8 were threatened or i	the survey)	6.3	6.8	Increased, 2009-2019  No linear change	Not available  Not available	No chan
2N16: Percentagun, knife, or clu	ge of students who ib, one or more tim  5.1  ge of students who	g the 30 days before 5.8  were threatened or ites during the 12 more	injured with a weap	6.3 oon on school properey) 6.9	6.8 erty (such as a			,

<sup>\*</sup>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.

		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN19: Percenta want to)	age of students who	were ever physicall	y forced to have se	xual intercourse (w	hen they did not	,		
				7.2	6.9	No linear change	Not available§	No change
QN21: Percenta	age of students who	experienced sexual	dating violence (be	eing forced by some	eone they were			
dating or going forced to have s	out with to do sexusexual intercourse] t	al things [counting so hat they did not wan	uch things as kissin t to, one or more tir	ng, touching, or bein mes during the 12 m	ng physically nonths before the			
dating or going forced to have s	out with to do sexusexual intercourse] t	al things [counting st	uch things as kissin t to, one or more tir	ng, touching, or bein mes during the 12 m	ng physically nonths before the	Increased, 2013-2019	Not available	Increased
dating or going forced to have s survey, among s  QN22: Percenta someone they winjured with an	out with to do sexusexual intercourse] testudents who dated age of students who were dating or going object or weapon] of	al things [counting so hat they did not wan or went out with som	uch things as kissin to, one or more tineone during the 12 al dating violence (such things as being ring the 12 months	ng, touching, or being mes during the 12 months before the 10.2 being physically hug hit, slammed into before the survey,	ng physically months before the survey)  13.4  art on purpose by something, or	Increased, 2013-2019	Not available	Increased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

	j	Health Risk Behav	ior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN23: Percenta survey)	ge of students who	were bullied on sch	ool property (ever	during the 12 month	ns before the			
22.5	24.0	22.7		24.2	22.3	No linear change	Not available§	No change
QN24: Percenta		were electronically I media, ever during 17.6		eing bullied throug		No linear change	Not available	No change
QN24: Percenta instagram, Faceb QN25: Percenta	16.6  ge of students who	were electronically I media, ever during	the 12 months bef	ore the survey)  18.3  for >=2 weeks in a	h texting, 17.4	- · ·	Not available	

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
QN26: Percenta the survey)	ge of students who	seriously considere	d attempting suicid	e (ever during the 1	2 months before			
13.2	13.5	13.2		16.4	15.7	Increased, 2009-2019	Not available§	No change
QN27: Percenta before the survey		made a plan about	how they would att	empt suicide (during	g the 12 months			
11.0	11.5	12.1		15.0	13.0	Increased, 2009-2019	Not available	No change
QN28: Percenta survey)	ge of students who	attempted suicide (	one or more times of	luring the 12 month	s before the			
5.8	6.7	6.0		7.8	7.4	No linear change	Not available	No change
		had a suicide attem se (during the 12 mo		n injury, poisoning, vey)	or overdose that			
	2.6	2.5		2.5	2.0	No linear change	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)		,		
43.6	40.7	33.2		24.4	19.1	Decreased, 2009-2019	Not available§	Decreased
					•			•
(N31: Percenta	ge of students who	first tried cigarette	smoking before age	13 years (even one 7.6	or two puffs) 6.0	No linear change	Not available	No change
		first tried cigarette s		7.6	6.0	<del>-</del>	Not available	No change
QN32: Percenta				7.6	6.0	<del>-</del>	Not available  Not available	
QN32: Percenta urvey) 16.9	ge of students who 14.6 centage of students	currently smoked c	igarettes (on at leas	7.6 t 1 day during the 3 7.8	6.0 0 days before the 5.7			No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	<u> </u>		
QNDAYCIG: F before the surve	•	nts who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
4.9	3.5	3.3		1.5	0.6	Decreased, 2009-2019	Not available§	No change
e-pipes, vape pij	pes, vaping pens, e-	currently used an el hookahs, and hooka east 1 day during the	h pens [such as blu	, NJOY, Vuse, Marl		Increased, 2017-2019	Not available	Increased
e-pipes, vape pij Vapin Plus, eGo	pes, vaping pens, e- o, and Halo], on at le	hookahs, and hooka east 1 day during the	h pens [such as blu 30 days before the	, NJOY, Vuse, Mar e survey) 11.6	kTen, Logic, 20.6	Increased, 2017-2019	Not available	Increased
e-pipes, vape pij Vapin Plus, eGo QNFREVP: Pei	pes, vaping pens, e- o, and Halo], on at le	hookahs, and hooka east 1 day during the	h pens [such as blu 30 days before the	, NJOY, Vuse, Mar e survey) 11.6	kTen, Logic, 20.6	Increased, 2017-2019	Not available	Increased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Total Tobacco Use		Health Risk Behav	vior and Percentage	s		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019	<del></del>		
QNDAYEVP: the 30 days before		nts who currently us	sed electronic vapor p	products daily (on	all 30 days during			
				2.1	5.6	Increased, 2017-2019	Not available§	Increased
	entage of students when the st		l cigarettes or used el	ectronic vapor pro	ducts (on at least			
i day during di	e 30 days before the	survey)		14.7	21.1	Increased, 2017-2019	Not available	Increased
dissolvable toba		as Copenhagen, Gri	keless tobacco (chew zzly, Skoal, or Came fore the survey)					
				5.9	3.3	Decreased, 2017-2019	Not available	Decreased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

2013 rrently smoked cig	2015 gars (cigars, cigaril	2017	2019 on at least 1 day			
	gars (cigars, cigari	llos, or little cigars,	on at least 1 day			
11.5						
		7.6	4.7	Decreased, 2009-2019	Not available <sup>§</sup>	Decreased
currently smoked of	cigarettes or cigars	(on at least 1 day d	luring the 30 days			:
17.7		11.3	8.0	Decreased, 2009-2019	Not available	Decreased
	17.7 ed to quit using all obacco, and electr	ed to quit using all tobacco products obacco, and electronic vapor product	ed to quit using all tobacco products (including cigarette obacco, and electronic vapor products, ever during the 1	currently smoked cigarettes or cigars (on at least 1 day during the 30 days  17.7 11.3 8.0  ed to quit using all tobacco products (including cigarettes, cigars, obacco, and electronic vapor products, ever during the 12 months before any tobacco products during the 12 months before the survey)	17.7 11.3 8.0 Decreased, 2009-2019  ed to quit using all tobacco products (including cigarettes, cigars, obacco, and electronic vapor products, ever during the 12 months before	17.7 11.3 8.0 Decreased, 2009-2019 Not available ed to quit using all tobacco products (including cigarettes, cigars, obacco, and electronic vapor products, ever during the 12 months before

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N40: Percenta	ge of students who	had their first drink	of alcohol before a	age 13 years (other t	han a few sips)			
19.2	18.6	14.6		15.5	16.5	Decreased, 2009-2019	Not available§	No change
N141 . D	:	:						
	ge of students who ys before the surve		ohol (at least one di	rink of alcohol, on a	t least 1 day			
			ohol (at least one di	rink of alcohol, on a	t least 1 day 29.8	Decreased, 2009-2019	Not available	No chang
uring the 30 day	ys before the surve 39.2	y)		30.4	•	Decreased, 2009-2019	Not available	No chang
uring the 30 day	ys before the surve 39.2	y) 32.7		30.4	•	Decreased, 2009-2019  Decreased, 2009-2019	Not available  Not available	No chang
41.3 41.3 2N45: Percenta 34.2	39.2 age of students who 37.3	y) 32.7 ever used marijuana	a (one or more time	30.4 es during their life) 30.2	29.8	· · · · · · · · · · · · · · · · · · ·		_

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

### **Wisconsin High School Survey** 10-year Trend Analysis Report

**Total Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) 17.3 19.9 18.9 21.6 16.0 No linear change Not available§ No change QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life) 11.2 11.4 No linear change Not available No change QN57: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)

18.4

13.7

Decreased, 2009-2019

Not available

18.3

20.5

20.9

Decreased

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.  $^{\dagger}$ Based on t-test analysis, p < 0.05.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

**Total** Savual Rahaviore

		Health Risk Behav	ior and Percentag		Linear Change*	Quadratic Change*	Change from 2017-2019 †	
2009	2011	2013	2015	2017	2019			
QN58: Percenta	ge of students who	ever had sexual into	ercourse					
40.9	41.6	35.3		33.6	34.6	Decreased, 2009-2019	Not available§	No change
N59: Percenta	ge of students who	had sexual intercou	rse for the first tim	e before age 13 year	rs .			
3.4	4.4	2.6		2.9	2.5	Decreased, 2009-2019	Not available	No change
N60: Percenta	ge of students who	had sexual intercou	rse with four or mo	ore persons during th	neir life			
9.9	9.9	9.8		7.2	7.5	Decreased, 2009-2019	Not available	No change
	ge of students who ne 3 months before		ally active (had see	xual intercourse with	n at least one			
	30.8	25.6		24.9	25.0	Decreased, 2009-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

exual Behaviors		Health Risk Behav	vior and Percentag	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
QN63: Percentage currently sexuall		used a condom dur	ing last sexual inter	course (among stud	ents who were			
63.7	64.1	62.5		62.8	57.4	No linear change	Not available§	No change
	ge of students who who were currently 25.8		oills before last sexu	ual intercourse (to pr	revent pregnancy,	No linear change	Not available	No change
OMITION D. D.	C . 1	1 1 1115	( 1 )(	D C 1) 1	1			
	planon) before last			ParaGard) or implancy, among students				
	-	3.3		8.0	8.3	Increased, 2013-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019		
2009	2011	2013	2015	2017	2019			
birth control rin		nts who used a shot (g) before last sexual						
		7.8		3.5	4.6	No linear change	Not available§	No change
ONOTHHPI · I	Percentage of stude	nte who used hirth of	ontrol pille: an ILID	(such as Mirena or	· ParaGard) or			
implant (such as	s Implanon or Nexp ch as NuvaRing) be	nts who used birth collanon); or a shot (sue fore last sexual inter	ch as Depo-Provera	a), patch (such as O	rthoEvra), or birth	Increased, 2013-2019	Not available	No chang
implant (such as control ring (suc currently sexual QNDUALBC: pills; an IUD (so Depo-Provera),	s Implanon or Nexp ch as NuvaRing) be lly active)  Percentage of stude uch as Mirena or Pa patch (such as Orth	lanon); or a shot (sue fore last sexual inter	condom during las such as Implanon or rol ring (such as N	a), patch (such as O pregnancy, among s 37.5 t sexual intercourse or Nexplanon); or a uvaRing) before las	rthoEvra), or birth students who were  41.7  and birth control shot (such as	Increased, 2013-2019	Not available	No chang

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Fotal Sexual Behaviors		Health Risk Behav	ior and Percentag	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
		nts who did not use ere currently sexual		rent pregnancy during	ng last sexual			
6.7	7.4	10.7		7.8	11.7	No linear change	Not available§	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

	]	Health Risk Behav		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019		
2009	2011	2013	2015	2017	2019			
		ho were overweight c reference data fro			ile for body mass			
13.9	15.0	13.0		14.9	14.6	No linear change	Not available¶	No chang
		who had obesity (> the 2000 CDC grown 11.6		or body mass index 14.1	, based on sex-	Increased, 2009-2019	Not available	No chang
nd age-specific 9.3	reference data from	the 2000 CDC gro	wth charts)§	14.1	14.5	Increased, 2009-2019	Not available	No chang
nd age-specific 9.3	reference data from	11.6	wth charts)§	14.1	14.5	Increased, 2009-2019  No linear change	Not available  Not available	No chang  Decrease
9.3 2N70: Percenta 8.7	10.4 ge of students who 8.3	11.6 did not eat fruit (one	wth charts)§	14.1 ring the 7 days before 10.0	14.5  The the survey)  7.1			

<sup>\*</sup>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.

<sup>&</sup>lt;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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Not enough years of data to calculate.

otal eight Managem	ent and Dietary Be	haviors Health Risk Behav	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>			
2009	2011	2013	2015	2017	2019			
QNBK7DAY:	Percentage of studer	its who ate breakfas	st on all 7 days (dur	ring the 7 days befor	e the survey)			
	41.0	41.1		36.9	32.0	Decreased, 2011-2019	Not available§	Decreased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †			
2009	2011	2013	2015	2017	2019	_		
	age of students who activity that increase survey)							
	51.6	49.5		48.7	44.7	Decreased, 2011-2019	Not available§	No change
	31.0	47.5		+0.7	44.7	Decreased, 2011 2017	1vot available	Two change
east 1 day (in ar	Percentage of studen	ats who did not parti		) minutes of physica	l activity on at	Decreused, 2011 2017	Tvot available	To change
least 1 day (in ar	Percentage of studen	ats who did not parti		) minutes of physica	l activity on at	Increased, 2011-2019	Not available	
east 1 day (in ar he time during t QNPA7DAY: F	Percentage of studen ny kind of physical a the 7 days before the 11.8  Percentage of studen sical activity that inc	ats who did not partiactivity that increase e survey)  12.6  ats who were physical	ed their heart rate a	0 minutes of physica nd made them breat 14.2 50 minutes per day of	ll activity on at he hard some of 16.3			No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# Wisconsin High School Survey 10-year Trend Analysis Report

Total Physical Activity

nysical Activity	1	Health Risk Behavi	or and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019	<del></del>		
QN79: Percenta	ge of students who	watched television 3	or more hours pe	r day (on an average	e school day)			
23.1	24.0	22.5		16.7	17.7	Decreased, 2009-2019	Not available <sup>§</sup>	No change
day (counting tin	ne spent on things s	uch as Xbox, PlaySt	ation, an iPad or o	ed a computer 3 or 1 other tablet, a smartp was not school work 40.3	hone, texting,	Increased, 2009-2019	Not available	Increased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †			
2009	2011	2013	2015	2017	2019			
	age of students who	saw a dentist (for a rvey)	check-up, exam, te	eeth cleaning, or oth	er dental work,			
		81.6		78.9	79.4	No linear change	Not available§	No change
QNNODNT: P	ercentage of studen	ts who never saw a c	lentist (for a check	-up, exam, teeth clea	aning, or other	<del></del>		
		1.2		1.9	1.3	No linear change	Not available	No change
QN87: Percent	age of students who	had ever been told l	by a doctor or nurs	e that they had asthr	na			
				20.7	19.6	No linear change	Not available	No change
QN88: Percent	age of students who	got 8 or more hours	of sleep (on an av	erage school night)				
		35.0		25.6	26.7	Decreased, 2013-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# Wisconsin High School Survey 10-year Trend Analysis Report

otal ther		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019	-		

QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)

70.9 71.8 75.5 77.8 74.6 Increased, 2009-2019 Not available§ No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †			
2009	2011	2013	2015	2017	2019			
QN91: Percenta	ge of students who	never or rarely feel	safe from physical	harm when they are	e at school			
8.7	9.9	10.2		12.0	9.6	No linear change	Not available <sup>§</sup>	No change
QN92: Percenta	ge of students who	disagree or strongly	disagree that viole	ence is a problem at	their school			
50.8	51.0	49.6		51.9	43.7	No linear change	Not available	Decreased
QN96: Percenta s a problem at t		disagree or strongly	disagree that hara	ssment and bullying	by other students	3		
28.2	26.9	24.3		26.5	22.1	Decreased, 2009-2019	Not available	No change
		did something to pu						1

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# Wisconsin High School Survey 10-year Trend Analysis Report

		Health Risk Behav	vior and Percentag	Linear Change*	Quadratic Change*	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
ONOS. Damanto		harrahadai ari Gara	4 mmoltlemes midle for	1:				
		have had significan coing to happen (dur			ervous, tense, 49.0	Increased, 2017-2019	Not available <sup>§</sup>	Increase
scared, or like so	omething bad was g		ing the 12 months b	39.9	49.0	Increased, 2017-2019	Not available <sup>§</sup>	Increase

5.5

12.2

Decreased, 2009-2019

No linear change

Not available

Not available

6.1

12.4

QN100: Percentage of students who have taken over-the-counter drugs to get high (one or more times during

QN101: Percentage of students who attended school under the influence of alcohol or other illegal drugs (such

7.4

12.9

as marijuana or cocaine, one or more times during the 12 months before the survey)

their life)

11.6

10.4

**Total** 

No change

No change

<sup>\*</sup>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.

<sup>\*</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behavi	or and Percentag	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 <sup>†</sup>		
2009	2011	2013	2015	2017	2019			
QN103: Percen	tage of students wh	o are transgender		2.2	1.1	Decreased, 2017-2019	Not available <sup>§</sup>	Decreased
QN107: Percen when they are or		o most of the time or		screen (with an SPF	of 15 or higher			,
		n one nour on a sunny	( uav)					
	utside for more tha	14.8	(uay)	17.2	18.5	Increased, 2013-2019	Not available	No change
		•				Increased, 2013-2019	Not available	No change
		14.8				Increased, 2013-2019  Decreased, 2017-2019	Not available  Not available	No change  Decreased
QN113: Percen QN114: Percen	itage of students wh	14.8	gree that they feel	like they belong at t	their school 61.1	Decreased, 2017-2019		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

### Wisconsin High School Survey 10-year Trend Analysis Report

Site-Added **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN115: Percentage of students who most of the time or always get the kind of help they need (among students who report having felt sad, empty, hopeless, angry, or anxious) 23.9 28.1 Decreased, 2017-2019 Not available§ Decreased QN116: Percentage of students who would most likely talk with their parent or other adult family member about their feelings (among students who report having felt sad, empty, hopeless, angry, or anxious)

21.9

55.4

or more)

11.4 12.8 11.8 No linear change Not available No change

26.8

49.5

Increased, 2017-2019

Decreased, 2009-2019

Not available

Not available

QN117: Percentage of students who described their health in general as excellent or very good

61.8

61.0

62.8

**Total** 

Increased

Decreased

QN118: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months

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

<sup>&</sup>lt;sup>†</sup>Based on t-test analysis, p < 0.05.

<sup>§</sup>Not enough years of data to calculate.

# Wisconsin High School Survey 10-year Trend Analysis Report

Male Injury and Violence

ury and Violenc		Health Risk Behav	ior and Percentag		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019	
2009	2011	2013	2015	2017	2019			
QN8: Percentage	e of students who r	arely or never wore	a seat belt (when r	iding in a car driven	by someone else)	)		
17.7	12.7	9.4		5.4	5.8	Decreased, 2009-2019	Not available <sup>§</sup>	No change
		ode with a driver whose before the survey)		ng alcohol (in a car o	or other vehicle,	Decreased, 2009-2019	Not available	No change
more times durin	g the 30 days before			had been drinking a driven a car or othe				
the 30 days befor	e the survey)	11.7		7.2	5.5	Decreased, 2013-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

	ce	Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ys before the surve	texted or e-mailed v y, among students w						
		47.8		44.0	46.4	No linear change	Not available§	No change
		did not go to school		unsafe at school or o	on their way to or			<del>:</del>
		did not go to school g the 30 days before 4.2		unsafe at school or o	on their way to or 5.2	Increased, 2009-2019	Not available	No change
3.7  QN16: Percenta	at least 1 day durin 2.9 age of students who	g the 30 days before	the survey)	5.0	5.2	Increased, 2009-2019	Not available	No chang
3.7  QN16: Percenta	at least 1 day durin 2.9 age of students who	g the 30 days before 4.2 were threatened or i	the survey)	5.0	5.2	Increased, 2009-2019  No linear change	Not available  Not available	No chang
2N16: Percentagun, knife, or clu	at least 1 day durin 2.9  age of students who ub, one or more tim 7.1  age of students who	g the 30 days before 4.2 were threatened or ites during the 12 more	injured with a wear	5.0 con on school prope vey)	5.2 erty (such as a 8.1	,		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	vior and Percentag	es		Linear Change*	Quadratic Change*	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
QN19: Percent want to)	age of students who	were ever physicall	ly forced to have se	xual intercourse (w	hen they did not			
				5.1	3.9	No linear change	Not available§	No change
dating or going	out with to do sexu	experienced sexual al things [counting s	uch things as kissin	g, touching, or beir	ng physically			
dating or going forced to have s	out with to do sexu sexual intercourse] t		such things as kissin at to, one or more til	g, touching, or beir nes during the 12 n	ng physically nonths before the			
dating or going forced to have s	out with to do sexu sexual intercourse] t	al things [counting shat they did not wan	such things as kissin at to, one or more til	g, touching, or beir nes during the 12 n	ng physically nonths before the	No linear change	Not available	No chang
dating or going forced to have s survey, among s	out with to do sexus exual intercourse] to students who dated age of students who were dating or going object or weapon] of the sexus o	al things [counting s hat they did not wan or went out with son	auch things as kissing to, one or more timeone during the 12 all dating violence (such things as being uring the 12 months	g, touching, or being mes during the 12 n months before the 5.0 being physically hughit, slammed into before the survey,	ng physically nonths before the survey) 6.7  rt on purpose by something, or	No linear change	Not available	No chang

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

ury and Violen		Health Risk Behav	ior and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN23: Percenta survey)	age of students who	were bullied on sch	ool property (ever	during the 12 month	ns before the			
22.1	22.3	19.8		20.1	20.2	No linear change	Not available§	No change
		were electronically l media, ever during			h texting,			
	11.7	10.9		11.9	12.0	No linear change	Not available	No change
		felt sad or hopeless, ever during the 12			row so that they	-		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# Wisconsin High School Survey 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN26: Percenta the survey)	age of students who	seriously considere	d attempting suicid	e (ever during the 1	2 months before			
10.0	10.0	10.2		10.3	11.5	No linear change	Not available <sup>§</sup>	No change
QN27: Percenta before the survey	age of students who	made a plan about l	now they would atte	empt suicide (during	g the 12 months			
8.7	9.8	9.4		11.2	9.2	No linear change	Not available	No change
QN28: Percenta survey)	age of students who	attempted suicide (	one or more times of	luring the 12 month	s before the			
	5.5	5.8		6.2	5.3	No linear change	Not available	No change

2.8

1.2

No linear change

Not available

3.0

1.4

2.3

Decreased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Male

		Health Risk Behav	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
44.6	41.5	36.2		25.2	19.8	Decreased, 2009-2019	Not available§	No change
QN31: Percenta	ge of students who	first tried cigarette	moking before age	13 years (even one	or two puffs)			
				7.9	6.1	No linear change	Not available	No change
QN32: Percenta survey)	ge of students who	currently smoked ci	garettes (on at least			<u>-</u>	Not available	No change
	ge of students who	currently smoked ci	garettes (on at least			<u>-</u>	Not available  Not available	No change
survey) 17.7	15.5	•		1 day during the 3	0 days before the 5.8			

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Male	
Tobacco	Use

		Health Risk Behav	ior and Percentag	ees		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019	<u> </u>		
QNDAYCIG: For the surve	Percentage of studen	ats who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
5.5	4.2	3.9		1.7	0.9	Decreased, 2009-2019	Not available§	No change
e-pipes, vape pij	age of students who pes, vaping pens, e- o, and Halo], on at le	hookahs, and hooka	h pens [such as blu	, NJOY, Vuse, Mar		Increased, 2017-2019	Not available	Increased
e-pipes, vape pi Vapin Plus, eGo QNFREVP: Per	pes, vaping pens, e-	hookahs, and hooka east 1 day during the who currently used	h pens [such as blu 30 days before the	, NJOY, Vuse, Mar e survey) 14.0	kTen, Logic, 20.0	Increased, 2017-2019	Not available	Increased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Iale obacco Use		Health Risk Behav	vior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
QNDAYEVP: the 30 days before		nts who currently us	sed electronic vapor	products daily (on	all 30 days during	,		
the 30 days bere	sie die survey)			3.5	6.4	No linear change	Not available§	No change
	ntage of students whe 30 days before the		d cigarettes or used of					
				17.6	20.4	No linear change	Not available	No change
dissolvable toba		as Copenhagen, Gri	skeless tobacco (che izzly, Skoal, or Can fore the survey)					
				9.8	4.7	Decreased, 2017-2019	Not available	Decreased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Male	
Tobacco	Use

		Health Risk Behav	rior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ge of students who ys before the survey		igars (cigars, cigari	llos, or little cigars,	on at least 1 day			
21.4	20.8	16.3		10.6	6.3	Decreased, 2009-2019	Not available§	Decreased
QNTB2: Percent		o currently smoked	cigarettes or cigare	s (on at least 1 day d	luring the 30 days	;		
28.2	28.0	21.4		14.1	8.9	Decreased, 2009-2019	Not available	Decreased
QN39: Percenta smokeless tobac	ge of students who	tried to quit using a	ronic vapor produc	(including cigarette ts, ever during the 1	es, cigars, 2 months before			
the survey, amor	ng students who use	d any tobacco prod	ucts during the 12 i	nonths before the su	ırvey)			

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Male

		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	age 13 years (other t	han a few sips)			
21.5	21.3	15.1		18.1	18.8	No linear change	Not available§	No change
	ge of students who		ohol (at least one di	rink of alcohol, on a	t least 1 day			
	39.3	33.6		28.1	27.1	Decreased, 2009-2019	Not available	No change
41.8								C
	,	ever used marijuana	(one or more time	es during their life)				
	,	ever used marijuana	a (one or more time	es during their life) 29.9	30.1	Decreased, 2009-2019	Not available	No change
QN45: Percenta 36.5	ge of students who	•		29.9	30.1	Decreased, 2009-2019	Not available	

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

	]	Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN47: Percenta survey)	age of students who	currently used marij	uana (one or more	times during the 30	days before the			
22.2	24.5	19.6		17.0	19.8	Decreased, 2009-2019	Not available§	No change
differently than l	how a doctor told th	ever took prescription tem to use it (counting the more times during the	ng drugs such as co	ithout a doctor's prodeine, Vicodin, Ox				
differently than l	how a doctor told th	em to use it (countir	ng drugs such as co			No linear change	Not available	No change
lifferently than l Hydrocodone, an	how a doctor told the nd Percocet, one or age of students who	em to use it (countir	ng drugs such as co neir life)	deine, Vicodin, Öx 11.8	yContin, 11.7	No linear change	Not available	No chang

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Male

		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N58: Percenta	ge of students who	ever had sexual into	ercourse					
40.7	41.7	33.1		34.9	34.9	Decreased, 2009-2019	Not available§	No change
N59: Percenta	ge of students who	had sexual intercou	rse for the first tim	e before age 13 year	rs			
4.4	6.0	3.8		3.7	3.8	No linear change	Not available	No change
N60: Percenta	ge of students who	had sexual intercou	rse with four or mo	ore persons during the	neir life			
11.0	10.1	9.9		8.0	9.1	No linear change	Not available	No change
	ge of students who e 3 months before		nally active (had see	xual intercourse wit	h at least one			
26.9	28.8	23.6		24.7	24.4	No linear change	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Male	
Sexual	<b>Behaviors</b>

exual Behaviors		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN63: Percentage currently sexually		used a condom duri	ng last sexual inter	course (among stud	ents who were			
69.0	71.4	68.3		69.8	61.7	No linear change	Not available§	No change
	ge of students who who were currently 19.0		ills before last sexu	22.4	revent pregnancy,	No linear change	Not available	No change
	planon) before last			ParaGard) or implacy, among students				
		1.1		6.9	4.1	Increased, 2013-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
birth control rin		nts who used a shot (g) before last sexual						
		4.8		2.8	1.7	No linear change	Not available§	No change
	s Implanon or Nexp	nts who used birth co lanon); or a shot (suc fore last sexual inter	ch as Depo-Provera		thoEvra), or birth			
		26.6	(**************************************	32.0	31.0	No linear change	Not available	No change
QNDUALBC: pills; an IUD (s	Percentage of stude uch as Mirena or Pa patch (such as Orth		condom during las such as Implanon or rol ring (such as N	t sexual intercourse or Nexplanon); or a uvaRing) before las	and birth control	No linear change	Not available	No chang

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Iale exual Behaviors		Health Risk Behav	ior and Percentag	ees		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
		nts who did not use ere currently sexual		ent pregnancy during	ng last sexual			
5.5	7.9	11.1		9.3	13.0	No linear change	Not available§	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		ho were overweight ic reference data fro			ile for body mass			
14.2	14.9	12.1		13.3	11.9	No linear change	Not available <sup>¶</sup>	No change
		who had obesity (> n the 2000 CDC gro		or body mass index	, based on sex-			
				or body mass index 16.9	, based on sex-	Increased, 2009-2019	Not available	No chang
nd age-specific	reference data from 13.9	the 2000 CDC gro	wth charts)§	16.9	17.5	Increased, 2009-2019	Not available	No chang
nd age-specific	reference data from 13.9	15.0 at the 2000 CDC gro	wth charts)§	16.9	17.5	Increased, 2009-2019  No linear change	Not available  Not available	No chang
nd age-specific 11.7  2N70: Percenta 10.4	13.9  ge of students who  9.9	n the 2000 CDC gro 15.0  did not eat fruit (on-	wth charts)§  e or more times dui	16.9 ring the 7 days befo	17.5  The tree the survey)  7.7			,

<sup>\*</sup>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.

<sup>&</sup>lt;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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Not enough years of data to calculate.

le ight Managem	ent and Dietary Be	haviors						
	]	Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QNBK7DAY:	Percentage of studer	ts who ate breakfas	st on all 7 days (dur	ring the 7 days befor	e the survey)			
	42.3	41.3		39.1	34.2	Decreased, 2011-2019	Not available§	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

### Wisconsin High School Survey 10-year Trend Analysis Report

Male **Physical Activity Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN78: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 58.1 54.9 55.9 51.1 No linear change Not available§ No change QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 10.0 10.8 11.8 14.1 No linear change Not available No change QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during

32.6

26.0

No linear change

Not available

29.5

the 7 days before the survey)

33.9

Decreased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Male

	]	Health Risk Behav	ior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN79: Percenta	ge of students who	watched television	3 or more hours per	r day (on an average	school day)			
260	24.3	21.6		16.3	17.8	Decreased, 2009-2019	Not available§	No change
26.8	24.3	21.0					1 vot a valiable	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Male

ther		Health Risk Behavi	ior and Percenta	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	age of students who	saw a dentist (for a evey)	check-up, exam, to	eeth cleaning, or oth	er dental work,			
		81.2		79.2	78.3	No linear change	Not available§	No change
QNNODNT: Pedental work)	ercentage of studen	ts who never saw a d	entist (for a check	-up, exam, teeth clea	aning, or other			
		1.2		2.3	1.4	No linear change	Not available	No change
QN87: Percenta	age of students who	had ever been told b	by a doctor or nurs	e that they had asthr	na			
				20.1	19.6	No linear change	Not available	No change
QN88: Percenta	ge of students who	got 8 or more hours	of sleep (on an av	verage school night)				,
		38.1		27.2	27.8	Decreased, 2013-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN89: Percenta		described their grad	les in school as mos	stly A's or B's (durin	ng the 12 months			
before the survey	<i>,</i>							

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Male

		Health Risk Behav	ior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
N91: Percenta	ge of students who	never or rarely feel	safe from physical	harm when they are	e at school			
9.5	11.4	11.1		13.9	11.0	No linear change	Not available <sup>§</sup>	No change
N92: Percenta	ge of students who	disagree or strongly	disagree that viole	ence is a problem at	their school			
54.0	53.6	52.7		56.0	49.4	No linear change	Not available	No change
N96: Percenta a problem at t		disagree or strongly	disagree that hara	ssment and bullying	by other students			
32.0	33.0	30.1		35.6	30.5	No linear change	Not available	No change
	ge of students who	did something to pu						
	g themselves on pu	rpose one or more to	mes during me 12	mondia octore die				

<sup>\*</sup>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.

### Wisconsin High School Survey 10-year Trend Analysis Report

Male Site-Added **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN98: Percentage of students who have had significant problems with feeling very anxious, nervous, tense, scared, or like something bad was going to happen (during the 12 months before the survey) 29.2 35.5 Increased, 2017-2019 Not available§ Increased QN99: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life) 69.9 61.9 73.8 66.6 54.6 Decreased, 2009-2019 Not available Decreased QN100: Percentage of students who have taken over-the-counter drugs to get high (one or more times during their life) 11.4 11.8 8.1 6.6 6.3 Decreased, 2009-2019 Not available No change QN101: Percentage of students who attended school under the influence of alcohol or other illegal drugs (such as marijuana or cocaine, one or more times during the 12 months before the survey) 15.1 13.6 13.3 No linear change Not available No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Male

		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN103: Percen	tage of students wh	o are transgender		2.6	0.8	Decreased, 2017-2019	Not available <sup>§</sup>	Decreased
QN107: Percen	tage of students wh	o most of the time of	r alwaye waar cune	ecreen (with an SDE	of 15 or higher			,
		n one hour on a sunr		screen (with an Si I	of 13 of higher			
				13.5	14.0	Increased, 2013-2019	Not available	No change
when they are or	utside for more that	n one hour on a sunr	ny day)	13.5	14.0	Increased, 2013-2019	Not available	No change
when they are or	utside for more that	n one hour on a sunr 10.1	ny day)	13.5	14.0	Increased, 2013-2019  Decreased, 2017-2019	Not available  Not available	No change
QN113: Percen	utside for more that	n one hour on a sunr 10.1	agree that they feel	13.5 like they belong at to 74.1	14.0 their school 64.3	Decreased, 2017-2019		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	ees		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		o most of the time of hopeless, angry, or a		nd of help they need	l (among students			
				28.1	21.8	Decreased, 2017-2019	Not available§	Decreased
		o would most likely						
						No linear change	Not available	No change
about their feeli	ngs (among student		felt sad, empty, ho	peless, angry, or an 23.4	26.7	No linear change	Not available	No change
about their feeli	ngs (among student	s who report having	felt sad, empty, ho	peless, angry, or an 23.4	26.7	No linear change  Decreased, 2009-2019	Not available  Not available	No change
about their feeli QN117: Percen 67.1	ngs (among student stage of students wh	s who report having	felt sad, empty, ho	23.4  accellent or very goo 63.4	26.7 d 57.1	Decreased, 2009-2019		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

ury and Violend		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019	<u> </u>		
QN8: Percentag	ge of students who r	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else)	1		
11.4	7.8	7.1		6.2	3.9	Decreased, 2009-2019	Not available <sup>§</sup>	No change
	ge of students who rues during the 30 day			ng alcohol (in a car o	or other vehicle,			
24.2	21.8	19.2		17.1	18.1	Decreased, 2009-2019	Not available	No change
24.2								
QN10: Percenta	age of students who ng the 30 days before the survey)					-		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

male jury and Violeno	ce							
		Health Risk Behav	vior and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	ys before the surve	texted or e-mailed v y, among students w						
		48.1		47.3	48.5	No linear change	Not available§	No change
QN15: Percenta	age of students who	did not go to schoo	l because they felt u	unsafe at school or o	on their way to or			,
		did not go to schoo g the 30 days before 7.4		unsafe at school or o	on their way to or 8.4	Increased, 2009-2019	Not available	No change
from school (on 3.5  QN16: Percenta	at least 1 day durin 3.9  age of students who	g the 30 days before	e the survey)	7.6 oon on school prope	8.4	Increased, 2009-2019	Not available	No change
from school (on 3.5  QN16: Percenta	at least 1 day durin 3.9  age of students who	g the 30 days before 7.4 were threatened or	e the survey)	7.6 oon on school prope	8.4	Increased, 2009-2019 Increased, 2009-2019	Not available  Not available	No change
QN16: Percenta gun, knife, or clu 4.8	at least 1 day durin 3.9  age of students who ub, one or more tim 2.9  age of students who	g the 30 days before 7.4 were threatened or es during the 12 mo	injured with a weap	7.6 con on school prope vey)	8.4 erty (such as a 5.9	,		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
QN19: Percent want to)	age of students who	were ever physically	y forced to have se	xual intercourse (w	hen they did not			
				8.9	9.9	No linear change	Not available§	No change
		experienced sexual						
dating or going forced to have s	out with to do sexu sexual intercourse] t	o experienced sexual al things [counting su hat they did not want or went out with som	uch things as kissin t to, one or more ti	g, touching, or being mes during the 12 m	ng physically nonths before the			
dating or going forced to have s	out with to do sexu sexual intercourse] t	al things [counting such at they did not want	uch things as kissin t to, one or more ti	g, touching, or being mes during the 12 m	ng physically nonths before the	No linear change	Not available	Increased
dating or going forced to have s survey, among survey, among survey. QN22: Percent someone they winjured with an	out with to do sexus sexual intercourse] to students who dated age of students who were dating or going object or weapon] of the sexus	al things [counting suhat they did not want or went out with som	uch things as kissin t to, one or more tin neone during the 12 al dating violence ( uch things as being ring the 12 months	g, touching, or being mes during the 12 months before the 15.0  being physically hughit, slammed into before the survey,	ng physically months before the survey)  20.0  art on purpose by something, or	No linear change	Not available	Increased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Female Injury and Violenc		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN23: Percentaş survey)	ge of students who	were bullied on sch	ool property (ever	during the 12 month	ns before the			
23.0	25.8	25.7		28.3	24.3	No linear change	Not available§	No change
		were electronically l media, ever during			h texting,			-
	21.8	24.6		24.9	22.9	No linear change	Not available	No change
		felt sad or hopeless, ever during the 12			row so that they			
25.9	30.1	32.9		38.1	37.1	Increased, 2009-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

emale jury and Violence	e							
	1	Health Risk Behav	ior and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN26: Percentag the survey)	ge of students who	seriously considered	d attempting suicid	e (ever during the 1	2 months before			
16.4	17.0	16.2		22.4	20.1	Increased, 2009-2019	Not available§	No change
QN27: Percentag before the survey		made a plan about h	now they would att	empt suicide (durin 18.6	g the 12 months	Increased, 2009-2019	Not available	No change
QN28: Percentag survey)	ge of students who	attempted suicide (	one or more times of	during the 12 month	ns before the			
7.1	7.8	6.1		9.2	9.3	No linear change	Not available	No change
QN29: Percentag	ge of students who	had a suicide attempe (during the 12 mo	pt that resulted in a	n injury, poisoning.	, or overdose that			
2.0	3.0	1.9		2.1	2.7	No linear change	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

**Female** 

		Health Risk Behav	ior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)	·	,		
42.5	39.8	29.9		23.7	18.4	Decreased, 2009-2019	Not available§	No change
QN31: Percenta	ge of students who	first triad cigaratta	amalina hafara aga	. 12 (				
C 3321 2 222 <b>0</b> 110	ge of students who	mst tried eigarette s	smoking before age	7.1	5.7	No linear change	Not available	No change
QN32: Percenta survey)	ge of students who	currently smoked c		7.1 t 1 day during the 3	5.7 0 days before the			No change
QN32: Percenta survey) 16.0	ge of students who 13.5 centage of students		igarettes (on at leas	7.1 t 1 day during the 3	5.7 0 days before the 5.6	<del>-</del>	Not available  Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Female

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
ONDAYCIG: For the surve		nts who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
4.2	2.7	2.7		1.3	0.3	Decreased, 2009-2019	Not available§	Decreased
N25: Parcente	aga of students who		ectronic vanor proc				1 (of a variable	
-pipes, vape pi	pes, vaping pens, e-	currently used an el hookahs, and hooka east 1 day during the	h pens [such as blu	luct (including e-cig , NJOY, Vuse, Mar e survey)	garettes, e-cigars, kTen, Logic,			T
pipes, vape pi	pes, vaping pens, e-	currently used an el hookahs, and hooka	h pens [such as blu	duct (including e-ciş	garettes, e-cigars,	Increased, 2017-2019	Not available	Increased
pipes, vape pi papin Plus, eGo populari	pes, vaping pens, e- o, and Halo], on at lo	currently used an el hookahs, and hooka east 1 day during the	h pens [such as blu 230 days before the	duct (including e-cig , NJOY, Vuse, Mar e survey) 8.8	garettes, e-cigars, kTen, Logic, 21.4			Increased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	vior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
QNDAYEVP: the 30 days before	Percentage of stude	nts who currently us	sed electronic vapor	products daily (on	all 30 days during			
ine 30 days ber	sie the survey)			0.4	4.7	Increased, 2017-2019	Not available§	Increased
	ntage of students wl e 30 days before the		d cigarettes or used	electronic vapor pro	oducts (on at least	Increased, 2017-2019	Not available	Increased
lissolvable toba	age of students who acco products [such on at least 1 day du	as Copenhagen, Gr	izzly, Skoal, or Can					

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Famala

	ļ	Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN38: Percentage during the 30 days		currently smoked c	igars (cigars, cigari	llos, or little cigars,	on at least 1 day			
8.0	8.5	6.1		4.4	3.0	Decreased, 2009-2019	Not available§	No change
QNTB2: Percentage before the survey)	ge of students wh	o currently smoked	cigarettes or cigars	s (on at least 1 day of	luring the 30 days			
18.8	18.9	13.5		8.4	6.8	Decreased, 2009-2019	Not available	No change

<sup>\*</sup>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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

**Female** 

		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	nge 13 years (other t	han a few sips)			
16.8	15.8	14.1		12.6	13.8	Decreased, 2009-2019	Not available§	No change
	ge of students who		ohol (at least one d	rink of alcohol, on a	t least 1 day			
40.8	39.1	31.8		32.9	32.3	Decreased, 2009-2019	Not available	No change
N45: Percenta	ge of students who	ever used marijuan	a (one or more time	es during their life)				
31.8	34.3	29.9		30.7	31.2	No linear change	Not available	No change
		29.9 tried marijuana for	the first time befor		31.2	No linear change	Not available	No chang

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN47: Percenta survey)	ge of students who	currently used marij	uana (one or more	times during the 30	days before the			
15.6	18.4	14.8		14.9	19.9	No linear change	Not available§	Increased
lifferently than h	now a doctor told the	ever took prescription em to use it (counting more times during the	ng drugs such as co			No linear change	Not available	No ch
ifferently than h	now a doctor told the defence of the	em to use it (counting	ng drugs such as co neir life)	deine, Vicodin, Öx	yContin,	No linear change	Not available	No chan

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

**Female** 

		Health Risk Behav	ior and Percentag	res	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 †	
2009	2011	2013	2015	2017	2019			
QN58: Percenta	ge of students who	ever had sexual inte	ercourse					
41.1	41.4	37.3		32.1	34.2	Decreased, 2009-2019	Not available§	No change
QN59: Percenta	ge of students who	had sexual intercou	rse for the first time	e before age 13 year	rs	-		
2.5	2.7	1.4		2.0	1.1	No linear change	Not available	No change
QN60: Percenta	ge of students who	had sexual intercou	rse with four or mo	ore persons during th	neir life			
8.7	9.6	9.5		6.3	6.0	Decreased, 2009-2019	Not available	No change
	ge of students who le 3 months before		ally active (had sex	kual intercourse with	1 at least one			
31.7	32.9	27.5		25.2	25.8	Decreased, 2009-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Female	
Sexual Behavio	rs

xual Behaviors		Health Risk Behav	ior and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN63: Percentage currently sexually		used a condom duri	ng last sexual inter	course (among stud	ents who were			
59.3	57.6	57.8		56.1	53.2	No linear change	Not available§	No change
	ge of students who who were currently 31.8		ills before last sexu	29.7	revent pregnancy,	No linear change	Not available	No change
	planon) before last			ParaGard) or implacy, among students				
		5.3		9.1	12.4	Increased, 2013-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
birth control rin		ents who used a shot ng) before last sexual						
·	•	10.3		4.2	7.4	No linear change	Not available§	No change
ОМОТНИРІ :	Percentage of stude	ents who used hirth co	ontrol pills: an IIID	(such as Mirena o	r ParaGard) or			
implant (such as control ring (suc	s Implanon or Nexp ch as NuvaRing) be	ents who used birth collanon); or a shot (su	ch as Depo-Provera	a), patch (such as O	rthoEvra), or birth			
implant (such as	s Implanon or Nexp ch as NuvaRing) be	olanon); or a shot (su	ch as Depo-Provera	a), patch (such as O	rthoEvra), or birth	No linear change	Not available	No change
implant (such as control ring (suc currently sexual QNDUALBC: pills; an IUD (st Depo-Provera),	s Implanon or Next ch as NuvaRing) be lly active)  Percentage of stude uch as Mirena or Pa patch (such as Ortl	planon); or a shot (su efore last sexual inter	condom during las (such as Implanon of trol ring (such as N	43.0  t sexual intercourse or Nexplanon); or a uvaRing) before last	students who were  52.1  e and birth control shot (such as	No linear change	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Female Sexual Behaviors		Health Risk Behav	ior and Percentag	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
		nts who did not use ere currently sexual		ent pregnancy duri	ng last sexual			
7.7	6.8	10.3		5.9	10.4	No linear change	Not available§	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

	]	Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		ho were overweight c reference data fro			tile for body mass			
13.6	15.0	14.0		16.7	17.5	Increased, 2009-2019	Not available <sup>¶</sup>	No chang
		who had obesity (> a the 2000 CDC gro 8.1		or body mass index	, based on sex-	Increased, 2009-2019	Not available	No chang
nd age-specific 6.8	reference data from	the 2000 CDC gro	wth charts)§	11.1	11.3	Increased, 2009-2019	Not available	No chang
nd age-specific 6.8	reference data from	8.1	wth charts)§	11.1	11.3	Increased, 2009-2019  No linear change	Not available  Not available	No chang
6.8 ON70: Percenta 6.9	6.8 ge of students who	8.1 did not eat fruit (on	wth charts)§	11.1 ring the 7 days befo	ore the survey) 6.4			

<sup>\*</sup>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.

<sup>&</sup>lt;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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Not enough years of data to calculate.

	nent and Dietary Be		ior and Percentag	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
QNBK7DAY:	Percentage of studen	ts who ate breakfas	st on all 7 days (dur	ing the 7 days befor	re the survey)			
	39.6	40.9		35.0	29.4	Decreased, 2011-2019	Not available§	Decreased

<sup>\*</sup>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.

### Wisconsin High School Survey 10-year Trend Analysis Report

**Female Physical Activity Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN78: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 44.9 44.1 41.7 37.6 Decreased, 2011-2019 Not available§ No change QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

21.3

13.8

18.3

14.4

16.7

16.4

16.5

18.8

Decreased, 2011-2019

Increased, 2011-2019

Not available

Not available

No change

No change

<sup>\*</sup>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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Female

		Health Risk Behav	ior and Percentag	res		Linear Change <sup>*</sup>	inear Change* Quadratic Change*			
2009	2011	2013	2015	2017	2019					
QN79: Percenta	ge of students who	watched television 3	3 or more hours per	r day (on an average	e school day)					
19.4	23.7	23.4		17.1	17.6	Decreased, 2009-2019	Not available§	No change		
day (counting tin	ne spent on things s	played video or com such as Xbox, PlayS other social media, f	tation, an iPad or o	ther tablet, a smartp	hone, texting,					

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

nale her		Health Risk Behav	vior and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change fro 2017-201
2009	2011	2013	2015	2017	2019			
ON86: Percenta	age of students who	saw a dentist (for a	check-up, exam, te	eth cleaning, or other	er dental work,	,		
	onths before the sur		_					
			-	78.6	80.3	No linear change	Not available <sup>§</sup>	No chan
during the 12 mo	onths before the sur	rvey)	dentist (for a check-			No linear change	Not available <sup>§</sup>	No chan

24.1

25.8

Decreased, 2013-2019

Not available

QN88: Percentage of students who got 8 or more hours of sleep (on an average school night)

31.7

No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

Female Other	Health Risk Behavior and Percentages						Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN89: Percent before the surve	age of students who	described their grad	les in school as mo	stly A's or B's (duri	ng the 12 months			
77.1	77.9	80.6		84.1	80.5	Increased, 2009-2019	Not available§	No change

<sup>\*</sup>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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Famala

		Health Risk Behav	ior and Percentag	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
QN91: Percenta	age of students who	never or rarely feel	safe from physical	harm when they are	e at school			
7.8	8.3	9.2		9.6	8.1	No linear change	Not available <sup>§</sup>	No change
QN92: Percenta	age of students who	disagree or strongly	disagree that viole	ence is a problem at	their school			
47.4	48.3	46.5		48.2	37.4	No linear change	Not available	Decreased
QN96: Percenta		disagree or strongly	disagree that hara	ssment and bullying	by other students	; ;:		
24.5	20.5	18.3		17.2	13.1	Decreased, 2009-2019	Not available	Decreased
								1
		did something to pu urpose one or more t						

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behavi	ior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		have had significant oing to happen (duri			nervous, tense,			
				50.3	63.3	Increased, 2017-2019	Not available§	Increased
2N100 P	C . 1 1	1 1 1 1 1 1		6.1.1.11	. 1 1 1 1			
	ge of students who	ever drank alcohol (	at least one drink o	of alcohol, on at lease	st 1 day during 62.4	Decreased, 2009-2019	Not available	No change
74.8 QN100: Percent	72.4			67.2	62.4	Decreased, 2009-2019	Not available	No change
heir life) 74.8  QN100: Percentheir life)	72.4 age of students who	65.0 o have taken over-th		67.2 get high (one or mo	62.4 ore times during			
heir life) 74.8  QN100: Percent	72.4	65.0		67.2	62.4	Decreased, 2009-2019  Decreased, 2009-2019	Not available  Not available	No change
74.8  QN100: Percent life) 11.6  QN101: Percent	72.4  age of students who	65.0 o have taken over-th	e-counter drugs to	get high (one or mo	62.4  ore times during  4.4			

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

**Female** 

e-Added		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN103: Percent	tage of students wh	o are transgender		1.4	1.2	No linear change	Not available <sup>§</sup>	No change
		o most of the time of n one hour on a sunn		screen (with an SPF	of 15 or higher			
·		19.8	<i>3</i>	21.1	23.3	No linear change	Not available	No change
QN113: Percent	tage of students wh	o strongly agree or a	gree that they feel	like they belong at	their school			
				67.8	58.1	Decreased, 2017-2019	Not available	Decreased
	tage of students wh y have a problem	o reported there is at	t least one teacher	or other adult in thei	r school that they			

<sup>\*</sup>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.

		Health Risk Behav	ior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		o most of the time or		nd of help they need	d (among students			
who report havi	ng ten sau, empty, n	iopeiess, angry, or a	lixious)	28.0	25.5	No linear change	Not available <sup>§</sup>	No change
		o would most likely s who report having						
						Increased, 2017-2019	Not available	Increase
bout their feelin	ngs (among students		felt sad, empty, ho	peless, angry, or an 20.9	26.8	Increased, 2017-2019	Not available	Increase
bout their feeling	ngs (among students	s who report having	felt sad, empty, ho	peless, angry, or an 20.9	26.8	Increased, 2017-2019  Decreased, 2009-2019	Not available  Not available	Increase
2N117: Percen	tage of students who	s who report having	felt sad, empty, ho	20.9  accellent or very goo  47.7	26.8 26.8 od 41.4	Decreased, 2009-2019		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

White*	<b>k</b>	
Injury	and	Violence

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN8: Percentag	ge of students who r	arely or never wore	a seat belt (when r	iding in a car driven	by someone else)			
13.2	7.6	6.3		4.1	3.3	Decreased, 2009-2019	Not available¶	No change
	ge of students who r es during the 30 day			ng alcohol (in a car o	or other vehicle,			
23.4	22.7	20.3		16.6	15.6	Decreased, 2009-2019	Not available	No change
	ng the 30 days before			had been drinking a driven a car or othe				
		8.2		5.5	5.0	Decreased, 2013-2019	Not available	No change

<sup>\*</sup>Non-Hispanic. \*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.

	nce	Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
	ys before the surve	texted or e-mailed v y, among students w						
		48.7		47.3	49.7	No linear change	Not available <sup>¶</sup>	No chang
		did not go to school g the 30 days before		unsafe at school or o	on their way to or			
				unsafe at school or o	on their way to or 5.6	Increased, 2009-2019	Not available	No chang
from school (on 2.1  QN16: Percenta	at least 1 day durin 2.2  ge of students who	g the 30 days before	the survey)	5.1	5.6	Increased, 2009-2019	Not available	No chang
from school (on 2.1  QN16: Percenta	at least 1 day durin 2.2  ge of students who	g the 30 days before 4.8 were threatened or	the survey)	5.1	5.6	Increased, 2009-2019 Increased, 2009-2019	Not available  Not available	No chang No chang
QN16: Percenta gun, knife, or clu 4.6	at least 1 day durin 2.2  ge of students who ub, one or more tim 3.4  ge of students who	g the 30 days before 4.8  were threatened or its during the 12 mo	injured with a wear	5.1 oon on school prope vey) 5.6	5.6 erty (such as a	,		

<sup>\*</sup>Non-Hispanic. \*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.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN19: Percent want to)	tage of students who	were ever physicall	y forced to have sex	xual intercourse (w	hen they did not			
				6.6	6.2	No linear change	Not available¶	No chang
dating or going forced to have s	out with to do sexu sexual intercourse] t	o experienced sexual al things [counting so that they did not wan or went out with son	uch things as kissin t to, one or more tir	g, touching, or being nes during the 12 m	ng physically nonths before the			
dating or going forced to have s	out with to do sexu sexual intercourse] t	al things [counting states that they did not wan	uch things as kissin t to, one or more tir	g, touching, or being nes during the 12 m	ng physically nonths before the	Increased, 2013-2019	Not available	No chang
dating or going forced to have survey, among among QN22: Percent someone they varied with an	out with to do sexus sexual intercourse] t students who dated tage of students who were dating or going object or weapon] of	al things [counting so that they did not wan or went out with son	uch things as kissin t to, one or more tineone during the 12 al dating violence (such things as being ring the 12 months	g, touching, or being mes during the 12 mmonths before the 10.6  being physically hughit, slammed into before the survey,	ng physically nonths before the survey)  13.4  art on purpose by something, or	Increased, 2013-2019	Not available	No chan

<sup>\*</sup>Non-Hispanic. †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.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN23: Percenta	age of students who	were bullied on sch	ool property (ever o	during the 12 month	s before the	,		
22.6	25.7	24.3		25.0	22.5	No linear change	Not available¶	No chang
		were electronically l media, ever during			n texting,			
	17.4	18.3		18.4	18.9	No linear change	Not available	No chang
		felt sad or hopeless , ever during the 12			row so that they			

<sup>\*</sup>Non-Hispanic. †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.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN26: Percentaghe survey)	ge of students who	seriously considered	d attempting suicid	e (ever during the 1	2 months before			
11.7	12.6	12.5		15.1	15.7	Increased, 2009-2019	Not available¶	No chan
		made a plan about l	how they would atte	empt suicide (durin	g the 12 months			
		made a plan about h	how they would atto	empt suicide (during	g the 12 months	Increased, 2009-2019	Not available	No chan
8.9 2N28: Percenta	10.7	·		13.1	12.6	Increased, 2009-2019	Not available	No chan
8.9 QN28: Percenta	10.7	11.7		13.1	12.6	Increased, 2009-2019  Increased, 2009-2019	Not available  Not available	No chan
Refere the survey 8.9  QN28: Percentagery 4.6  QN29: Percentagery	ge of students who  5.1  ge of students who	11.7 attempted suicide (d	one or more times of	13.1  Juring the 12 month  6.2  n injury, poisoning,	12.6 as before the 6.6			

<sup>\*</sup>Non-Hispanic. †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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

White\*

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN30: Percentag	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
41.9	38.4	31.6		23.7	18.4	Decreased, 2009-2019	Not available¶	Decreased
41.9	30.4	31.0		23.7	101.			
			smoking before age	e 13 years (even one				
			smoking before age			No linear change	Not available	No chang
QN31: Percentaş	ge of students who	first tried cigarette s		e 13 years (even one	or two puffs) 4.6	No linear change	Not available	No chang
QN31: Percentag QN32: Percentag	ge of students who	first tried cigarette s		e 13 years (even one	or two puffs) 4.6	No linear change	Not available  Not available	No chang  Decrease
QN31: Percentag QN32: Percentag urvey) 16.7	ge of students who ge of students who 15.7 centage of students	first tried cigarette s currently smoked ci	garettes (on at leas	e 13 years (even one 6.2 t 1 day during the 3	or two puffs) 4.6 0 days before the 5.4	No linear change		

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QNDAYCIG: For the surve	Percentage of studen	ts who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
4.9	3.7	3.6		1.6	0.6	Decreased, 2009-2019	Not available¶	Decreased
								,
-pipes, vape pij	age of students who pes, vaping pens, e-l o, and Halo], on at le	hookahs, and hooka	h pens [such as blu	, NJOY, Vuse, Marl				
pipes, vape pi	pes, vaping pens, e-l	hookahs, and hooka	h pens [such as blu	, NJOY, Vuse, Marl		Increased, 2017-2019	Not available	Increas
-pipes, vape pi Vapin Plus, eGo	pes, vaping pens, e-l	hookahs, and hooka east 1 day during the who currently used	h pens [such as blu 230 days before the	, NJOY, Vuse, Marl survey)	kTen, Logic,	Increased, 2017-2019	Not available	Increased

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

/hite* obacco Use		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
	Percentage of studer fore the survey)	nts who currently us	sed electronic vapor	products daily (on	all 30 days during			
·	• /			2.2	6.2	Increased, 2017-2019	Not available¶	Increased
	entage of students whe 30 days before the		cigarettes or used e	electronic vapor pro	ducts (on at least			
,				15.9	21.8	Increased, 2017-2019	Not available	Increased
	tage of students who	as Copenhagen, Gri	keless tobacco (chev zzly, Skoal, or Cam fore the survey)					

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

White\*

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	ge of students who ys before the survey		igars (cigars, cigari	llos, or little cigars,	on at least 1 day			
14.4	14.7	11.0		8.0	4.0	Decreased, 2009-2019	Not available¶	Decreased
QNTB2: Percent before the survey		o currently smoked	cigarettes or cigars	s (on at least 1 day d	luring the 30 days			
23.5	23.1	16.8		11.7	7.1	Decreased, 2009-2019	Not available	Decreased
smokeless tobac	co, shisha or hookal	tobacco, and elect	ronic vapor produc	(including cigarette ts, ever during the 1 nonths before the su	2 months before			
				37.9	47.1	Increased, 2017-2019	Not available	Increased

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

White*			
Alcohol and	Other	Drug	Use

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
N40: Percenta	ge of students who	had their first drink	of alcohol before a	age 13 years (other t	han a few sips)			
17.5	16.9	13.5		13.9	16.0	No linear change	Not available¶	No change
	ge of students who	currently drank alco	phol (at least one di	rink of alcohol, on a	t least 1 day			
41.9	40.9	33.1		32.8	31.4	Decreased, 2009-2019	Not available	No chang
		ever used marijuana	(one or more time	es during their life)				
N45: Percenta	ge of students who	ever asea marijaan	`					
N45: Percenta 31.9	ge of students who 33.0	27.4	`	28.3	27.0	Decreased, 2009-2019	Not available	No chang
31.9	33.0	-			27.0	Decreased, 2009-2019	Not available	No chang

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

		Health Risk Behav	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
N47: Percenta urvey)	age of students who	currently used marij	uana (one or more	times during the 30	days before the	,		
17.4	19.0	14.7		13.7	16.2	No linear change	Not available¶	No chang
		ever took prescription		ithout a doctor's predeine, Vicodin, Ox				
		more times during th	eir life)	9.6	10.1	No linear change	Not available	No chang
Hydrocodone, ai	nd Percocet, one or					No linear change	Not available	No chang

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

White\*

		Health Risk Behavi	ior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
N58: Percenta	ge of students who	ever had sexual inter	course	:	:			
37.7	38.3	31.8		33.0	32.3	Decreased, 2009-2019	Not available <sup>¶</sup>	No change
N59: Percenta	ge of students who	had sexual intercours	se for the first time	e before age 13 year	rs .			
1.7	1.9	1.3		2.0	2.0	No linear change	Not available	No change
N60: Percenta	ge of students who	had sexual intercours	se with four or mo	ore persons during th	neir life			
7.8	7.2	8.0		6.4	6.1	No linear change	Not available	No change
N61: Percenta	ge of students who he 3 months before to	were currently sexual he survey)	lly active (had sex	xual intercourse with	at least one			
erson, during th					23.4			No chang

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

# Wisconsin High School Survey 10-year Trend Analysis Report

exual Behaviors		Health Risk Beha	vior and Percentas	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
QN63: Percenta currently sexuall	ge of students who y active)	used a condom duri	ng last sexual interc	course (among stude	ents who were			

29.4

QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)

29.4

QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy,

3.5 7.4

9.4

35.5

Increased, 2013-2019

No linear change

Not available

Not available

No change

No change

\*Non-Hispanic.

White\*

30.8

among students who were currently sexually active)

31.4

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

 $<sup>{}^{\</sup>S}$ Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ages		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
birth control rir		ents who used a shot (ng) before last sexual						
		8.1		4.2	4.8	No linear change	Not available <sup>¶</sup>	No chang
		ents who used birth co						
control ring (su	ich as NuvaRing) be	efore last sexual inter						
implant (such a control ring (su currently sexua	ich as NuvaRing) be					No linear change	Not available	No chang
control ring (su currently sexua QNDUALBC: pills; an IUD (s Depo-Provera),	Percentage of stude such as Mirena or Pa	efore last sexual inter	condom during las such as Implanon or	41.0  st sexual intercourse or Nexplanon); or a (uvaRing) before las	49.7 and birth control shot (such as	No linear change	Not available	No chanş

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

White* Sexual Behaviors		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	<u> </u>		
		nts who did not use ere currently sexual		ent pregnancy durir	ng last sexual			
4.9	5.1	5.9		6.2	7.6	No linear change	Not available¶	No change

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		ho were overweight ic reference data fro			ile for body mass			
13.4	13.5	13.3		14.6	13.5	No linear change	Not available	No chang
		who had obesity (>		or body mass index	, based on sex-			
				or body mass index	, based on sex-	Increased, 2009-2019	Not available	No chang
and age-specific 8.8	reference data from 9.9	the 2000 CDC gro	wth charts)¶	12.1	12.5	Increased, 2009-2019	Not available	No chang
and age-specific 8.8	reference data from 9.9	10.7	wth charts)¶	12.1	12.5	Increased, 2009-2019  No linear change	Not available  Not available	No chang
8.8  QN70: Percenta  8.4	ge of students who	10.7 did not eat fruit (on-	wth charts)¶ e or more times du	12.1 ring the 7 days before 8.1	12.5  The tree the survey)  6.9			

<sup>\*</sup>Non-Hispanic.

 $<sup>^{\</sup>dagger}$ 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.

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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

<sup>\*\*</sup>Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
NBK7DAY:	Percentage of studen	ts who ate breakfas	t on all 7 days (dur	ing the 7 days befor	e the survey)			
	42.8	43.2		40.4	34.5	Decreased, 2011-2019	Not available¶	Decrease

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	age of students who l activity that increase se survey)							
	54.8	53.0		53.4	47.9	Decreased, 2011-2019	Not available¶	Decreased
least 1 day (in a	Percentage of studer ny kind of physical the 7 days before th 9.4	activity that increase				Increased, 2011-2019	Not available	No chang
OND 1 TO 1 TO 1	Percentage of studer			60 minutes per day of breathe hard some of				

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

**1171.24** a **\*** 

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN79: Percenta	ge of students who	watched television	3 or more hours per	r day (on an average	school day)			
-			_	•	• -			
20.5	20.3	19.8		15.3	15.1	Decreased, 2009-2019	Not available¶	No chang
QN80: Percenta day (counting tin	ge of students who ne spent on things s	played video or con such as Xbox, PlayS	Station, an iPad or o	15.3  ed a computer 3 or 1 other tablet, a smartp	more hours per	Decreased, 2009-2019	Not available <sup>¶</sup>	No chang

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	age of students who	o saw a dentist (for a rvey)	check-up, exam, te	eth cleaning, or oth	er dental work,			
		84.8		83.3	84.8	No linear change	Not available¶	No chang
	ercentage of studen	ts who never saw a c	dentist (for a check-	up, exam, teeth clea	aning, or other	No linear change	Not available	No chang
dental work)				1.1	0.5	No linear change	Not available	No chang
dental work)		0.7		1.1	0.5	No linear change  No linear change	Not available  Not available	No chang
dental work)  QN87: Percent	age of students who	0.7	by a doctor or nurse	1.1 that they had asthr	0.5			

<sup>\*</sup>Non-Hispanic. \*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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

	Vhite* Other		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §		
-	2009	2011	2013	2015	2017	2019					
_	01100 P						+				

QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)

82.6 75.8

77.8 80.4

81.4

Increased, 2009-2019

Not available¶

No change

<sup>\*</sup>Non-Hispanic. †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.  $^{\$}$ Not enough years of data to calculate.

White*
Site-Added

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
N91: Percenta	ge of students who	never or rarely feel	safe from physical	harm when they are	e at school			
6.8	7.2	8.3		9.8	7.5	No linear change	Not available¶	No change
N92: Percenta	age of students who	disagree or strongly	disagree that viole	ence is a problem at	their school			
54.0	56.5	52.8		55.4	47.5	No linear change	Not available	No chang
N96: Percenta s a problem at the		disagree or strongly	disagree that hara	ssment and bullying	by other students	3		
27.8	28.5	25.3		27.6	22.4	Decreased, 2009-2019	Not available	No change
		did something to pu						
utting or burnir								

<sup>\*</sup>Non-Hispanic. †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.

hite* te-Added								
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		have had significant soing to happen (duri			nervous, tense,			
				37.7	49.5	Increased, 2017-2019	Not available¶	Increase
QN99: Percenta heir life)	ge of students who	ever drank alcohol (	(at least one drink o	of alcohol, on at lea	st 1 day during			
	ge of students who	ever drank alcohol (66.5	(at least one drink o	of alcohol, on at lea	st 1 day during 61.8	Decreased, 2009-2019	Not available	No chan
heir life) 74.5	72.4			66.5	61.8	Decreased, 2009-2019	Not available	No chang
heir life) 74.5  QN100: Percent	72.4	66.5		66.5	61.8	Decreased, 2009-2019  Decreased, 2009-2019	Not available  Not available	
74.5  QN100: Percent heir life)  11.1  QN101: Percent	72.4 age of students wh	66.5 o have taken over-th	ne-counter drugs to	get high (one or mo	61.8  Ore times during  4.8			No chang

<sup>\*</sup>Non-Hispanic. †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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

White\*

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN103: Percen	tage of students wh	o are transgender	· · · · · · · · · · · · · · · · · · ·					
				1.9	1.2	No linear change	Not available <sup>¶</sup>	No change
211105 D		0.1		/ 11 GDT				
		no most of the time on one hour on a sunn		creen (with an SPF 20.0	of 15 or higher 21.9	Increased, 2013-2019	Not available	No chang
when they are o	utside for more than	n one hour on a sunn	ay day)	20.0	21.9	Increased, 2013-2019	Not available	No change
when they are o	utside for more than	n one hour on a sunn 15.7	ay day)	20.0	21.9	Increased, 2013-2019  Decreased, 2017-2019	Not available  Not available	No change
QN113: Percen	utside for more than	n one hour on a sunn 15.7	agree that they feel	20.0 like they belong at 73.9	21.9 their school 65.5	Decreased, 2017-2019		

<sup>\*</sup>Non-Hispanic. †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.

hite* te-Added								
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		o most of the time o		nd of help they need	d (among students			
wno report navn	ig teit sau, empty, i	iopeiess, aligiy, or a	iixious)			D 1 2017 2010	Not available¶	Decreased
				29.1	24.8	Decreased, 2017-2019	Not available	Decrease
			,	29.1	24.8	Decreased, 2017-2019	Not available	Decrease
		o would most likely		ent or other adult fa	mily member	Decreased, 2017-2019	Not available	Decrease
		o would most likely s who report having		ent or other adult fa	mily member	,	Not available	
				ent or other adult fa peless, angry, or an	mily member (xious)	Increased, 2017-2019		
about their feelir	ngs (among student:		felt sad, empty, ho	ent or other adult fa peless, angry, or an 22.6	mily member axious)	,		
about their feelir	ngs (among student:	s who report having	felt sad, empty, ho	ent or other adult fa peless, angry, or an 22.6	mily member axious)	,		Increased
about their feelin	ags (among students	s who report having	felt sad, empty, ho	ent or other adult fa peless, angry, or an 22.6 scellent or very goo	mily member axious) 27.7	Increased, 2017-2019	Not available	Increased
about their feeling QN117: Percent 62.9	age of students who	s who report having	felt sad, empty, ho	ent or other adult fa peless, angry, or an 22.6 scellent or very goo 56.8	mily member axious)  27.7  od  52.2	Increased, 2017-2019  Decreased, 2009-2019	Not available	Increased

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN8: Percentag	e of students who ra	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else)	)		
24.6	27.3	22.4		10.4	10.0	Decreased, 2009-2019	Not available¶	No chang
		ode with a driver whose before the survey) 21.4		g alcohol (in a car o	or other vehicle,	Decreased, 2009-2019	Not available	No chan
28.0 2N15: Percenta	s during the 30 day 22.9 ge of students who	s before the survey)	because they felt u	19.3	16.3	Decreased, 2009-2019	Not available	No chan
28.0 QN15: Percenta	s during the 30 day 22.9 ge of students who	21.4 did not go to school	because they felt u	19.3	16.3	Decreased, 2009-2019  No linear change	Not available  Not available	No chang
28.0  QN15: Percenta rom school (on 8.9)  QN16: Percenta	ge of students who at least 1 day during 7.5	21.4 did not go to school g the 30 days before	because they felt ut the survey)	19.3  Insafe at school or of 10.4  oon on school prope	on their way to or	, 		

<sup>\*</sup>Non-Hispanic. \*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.

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN18: Percental 2 months befor		were in a physical f	ight on school prop	perty (one or more t	imes during the			
23.1	14.2	15.6		13.2	31.3	No linear change	Not available¶	Increase
N19: Percenta	ge of students who	were ever physically	y forced to have se	xual intercourse (w	hen they did not			·
vant to)  N23: Percenta		were ever physically		6.9	15.0	No linear change	Not available	No chan
vant to)				6.9	15.0	No linear change	Not available  Not available	No chang
QN23: Percenta urvey) 20.7 QN24: Percenta	ge of students who 10.9 ge of students who	were bullied on scho	ool property (ever	during the 12 month  13.2  being bullied throug	15.0 as before the			

<sup>\*</sup>Non-Hispanic. \*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.

ack* jury and Violen	ace							
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN25: Percenta	ge of students who	felt sad or hopeless	(almost every day	For >=2 weeks in a 1	row so that they			
stopped doing so	me usual activities	, ever during the 12	months before the s	survey)				
stopped doing so	me usual activities 28.1	25.8	months before the s	31.0	19.8	No linear change	Not available¶	Decreased
26.8	28.1	-	,	31.0		No linear change	Not available <sup>¶</sup>	Decreased
26.8  QN26: Percenta	28.1	25.8	,	31.0		No linear change	Not available <sup>¶</sup> Not available	Decreased
26.8  QN26: Percentaghe survey)  17.6	28.1 ge of students who 12.3 ge of students who	25.8 seriously considered	d attempting suicide	31.0 e (ever during the 12 23.2	2 months before 11.2			

<sup>\*</sup>Non-Hispanic. \*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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Black\*

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	<u>—</u>		
N30: Percenta	ige of students who	ever tried cigarette	smoking (even one	or two puffs)	•			
	45.3	36.4		19.4	16.7	Decreased, 2011-2019	Not available <sup>¶</sup>	No change
N31: Percenta	age of students who	first tried cigarette	smoking before age	e 13 years (even one	or two puffs)			
N31: Percenta	age of students who	first tried cigarette	smoking before age	e 13 years (even one 11.7	or two puffs)  8.6	No linear change	Not available	No chang
		first tried cigarette s		11.7	8.6	No linear change	Not available	No chang
N32: Percenta				11.7	8.6	No linear change  No linear change	Not available  Not available	No chang
2N32: Percenta urvey) 11.0	age of students who 4.2 centage of students	currently smoked c	igarettes (on at leas	11.7 t 1 day during the 3	8.6 0 days before the 5.7			

<sup>\*</sup>Non-Hispanic. †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.

lack* obacco Use								
		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
QNDAYCIG: F before the surve		nts who currently sn	noked cigarettes dail	y (on all 30 days d	uring the 30 days			
1.8	1.7	2.3		1.0	1.3	No linear change	Not available¶	No chang
dissolvable toba	cco products [such		keless tobacco (chev zzly, Skoal, or Camo ore the survey)			No linear change	Not available	No chang
					0.0	Tio mioni change	1100 41 4114020	T to Chang
	nge of students who ys before the surve		igars (cigars, cigaril	los, or little cigars,	on at least 1 day			
				5.5	11.6	No linear change	Not available	No chang

<sup>\*</sup>Non-Hispanic. †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.

Black* Fobacco Use		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QNTB2: Perceibefore the surve		ho currently smoked	cigarettes or cigars	(on at least 1 day d	luring the 30 days			
				7.6	12.4	No linear change	Not available¶	No change

<sup>\*</sup>Non-Hispanic. †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.

Black*			
Alcohol and	Other	Drug	Use

Health Risk Behavior and Percentages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	age 13 years (other t	han a few sips)			
24.8	21.0	15.9		24.4	14.4	No linear change	Not available¶	No change
	ge of students who ys before the survey 23.2		ohol (at least one di	rink of alcohol, on a	t least 1 day	Decreased, 2011-2019	Not available	No chang
luring the 30 day	ys before the survey 23.2	<i>i</i> )		19.2	·	Decreased, 2011-2019	Not available	No change
luring the 30 day	ys before the survey 23.2	27.3		19.2	·	Decreased, 2011-2019  No linear change	Not available  Not available	No chang
Ouring the 30 day ON45: Percenta 48.1	ge of students who	27.3 ever used marijuana	a (one or more time	19.2 es during their life) 41.1	17.3			

<sup>\*</sup>Non-Hispanic. †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.

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup> —	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
N47: Percenta urvey)	ge of students who	currently used marij	uana (one or more	times during the 30	days before the	,		
29.5	38.2	29.1		24.7	34.7	No linear change	Not available¶	No chang
	ge of students who			ithout a doctor's predeine, Vicodin, Oxy				
	now a doctor told the			16.1	15.8	No linear change	Not available	No chang
Hydrocodone, ai	nd Percocet, one or	more times during the	eir life)			No linear change	Not available	No chang

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

		Health Risk Behav	vior and Percentas	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
N70: Percenta	ge of students who	did not eat fruit (one	e or more times dur	ing the 7 days befor	e the survey)			
10.5	13.5	11.0		20.3	11.6	No linear change	Not available¶	No chang
		did not eat breakfas	t (during the 7 days	before the survey)				
N77: Percenta	ge of students who	ara not cut orcultus	t (during the , days					
N77: Percenta	ge of students who	ard not cut orcakius	t (during uit / duys	19.2	18.4	No linear change	Not available	No chang
	ge of students who			19.2		No linear change	Not available	No chan

<sup>\*</sup>Non-Hispanic. \*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.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
	tage of students who all activity that increase the survey)							
	36.1	35.7		29.8	34.9	No linear change	Not available¶	No chang
	Percentage of studen			minutes of physicand made them breat				
	the 7 days before the 27.4			25.4	25.9	No linear change	Not available	No chang
the time during  QNPA7DAY:	27.4  Percentage of students activity that inc	e survey) 22.0  ats who were physical		0 minutes per day o	on all 7 days (in	No linear change	Not available	No chang

<sup>\*</sup>Non-Hispanic. †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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Rlack\*

•		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		-						
QN79: Percentag	ge of students who	watched television	3 or more hours per	r day (on an average	school day)			
QN79: Percentag 45.5	ge of students who 45.3	watched television 37.2	3 or more hours per	r day (on an average 29.7	e school day) 28.1	Decreased, 2009-2019	Not available <sup>¶</sup>	No change
45.5  QN80: Percentag day (counting tim	45.3 ge of students who he spent on things s	37.2  played video or coruch as Xbox, PlayS	mputer games or use	-	28.1 more hours per shone, texting,	Decreased, 2009-2019	Not available <sup>¶</sup>	No change

<sup>\*</sup>Non-Hispanic. †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. Not enough years of data to calculate.

ther		Health Risk Beha	vior and Percenta		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §	
2009	2011	2013	2015	2017	2019			
QN86: Percent	age of students who	saw a dentist (for a	check-up, exam, te	eth cleaning, or oth	er dental work,			
during the 12 m	nonths before the sur	rvey)		67.5	66.1	No linear change	Not available¶	No change
				07.0	30.1	The impair change	1.00 available	110 chang
ONNODNT: P	Percentage of student	ts who never saw a o	dentist (for a check-	un evam teeth cle	ning or other	+		÷
	or o	is who he ver sum a c	acinist (for a circen	-up, cxam, teem ele	annig, or other			
	or or student		demost (for a effect)	9.2	3.5	Decreased, 2017-2019	Not available	No chang
			dening (for a check			Decreased, 2017-2019	Not available	No chang
dental work)	age of students who			9.2	3.5	Decreased, 2017-2019	Not available	No chang
dental work)				9.2	3.5	Decreased, 2017-2019  No linear change	Not available  Not available	No chang No chang
dental work)				9.2 e that they had asthr	3.5	· · · · · · · · · · · · · · · · · · ·		
dental work) QN87: Percent		had ever been told	by a doctor or nurse	9.2 e that they had asthr 27.3	3.5	· · · · · · · · · · · · · · · · · · ·		

<sup>\*</sup>Non-Hispanic. †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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Black\* Other

2009

45.8

2011

39.7

Health Risk Behav	vior and Percenta	nges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2013	2015	2017	2019			

QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months

before the survey)

47.3

56.5 55.4 Increased, 2009-2019

Not available¶

No change

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

 $<sup>^\$</sup>$ Based on t-test analysis, p < 0.05.  $^\$$ Not enough years of data to calculate.

ack* te-Added								
		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN91: Percentag	ge of students who	never or rarely feel	safe from physical	harm when they ar	e at school			
19.3	25.1	21.2		24.4	21.6	No linear change	Not available¶	No chan
		21.2 disagree or strongly 36.4	disagree that viole			No linear change  No linear change	Not available¶  Not available	No chang
QN92: Percentaş 33.7	ge of students who 29.4 ge of students who	disagree or strongly		ence is a problem at	their school			

<sup>\*</sup>Non-Hispanic. †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.

ack* te-Added								
		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		have had significant soing to happen (duri			nervous, tense,			
				48.9	28.7	Decreased, 2017-2019	Not available <sup>¶</sup>	Decrease
QN99: Percenta heir life)	ge of students who	ever drank alcohol (	(at least one drink o	of alcohol, on at lea	st 1 day during			
	ge of students who	ever drank alcohol (60.6	(at least one drink o	of alcohol, on at lea	st 1 day during 32.6	Decreased, 2009-2019	Not available	Decrease
heir life) 69.3  QN100: Percent	60.4			54.8	32.6	Decreased, 2009-2019	Not available	Decrease
heir life) 69.3	60.4	60.6		54.8	32.6	Decreased, 2009-2019  No linear change	Not available  Not available	
09.3  QN100: Percent heir life)  11.4  QN101: Percent	60.4 tage of students wh	60.6 o have taken over-th	ne-counter drugs to	54.8  get high (one or mo	32.6  Ore times during  10.8			Decrease No chang

<sup>\*</sup>Non-Hispanic. †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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Rlack\*

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN103: Percer	ntage of students wh	o are transgender						
				3.7	0.9	No linear change	Not available <sup>¶</sup>	No change
	ntage of students whoutside for more than			creen (with an SPF	of 15 or higher			
when they are o	outside for more than	n one hour on a sunr	ny day)	4.8	7.8	Increased, 2017-2019	Not available	No change
when they are o		n one hour on a sunr	ny day)	4.8	7.8	Increased, 2017-2019  Decreased, 2017-2019	Not available  Not available	No change
When they are on the control of the	outside for more than	one hour on a sunr	agree that they feel	4.8 like they belong at 65.7	7.8 their school 49.6	Decreased, 2017-2019		

<sup>\*</sup>Non-Hispanic. †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.

		Health Risk Beha	nvior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	<del></del>		
QN117: Percenta	age of students wh	o described their he	alth in general as ex			No linear change	Not available¶	No chang
ON118: Percent	age of students wh	o have physical disa	abilities or long-tern	55.0  n health problems (1)	49.1 meaning 6 months	No linear change	Not available <sup>¶</sup>	No c

<sup>\*</sup>Non-Hispanic. †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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	vior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	<del></del>		
QN8: Percentag	ge of students who r	arely or never wore	a seat belt (when r	iding in a car driven	by someone else)			
15.0	16.6	8.7		11.0	10.1	No linear change	Not available§	No change
	ge of students who re es during the 30 day			ng alcohol (in a car o	or other vehicle,			
28.2	20.5	22.6		18.9	19.1	No linear change	Not available	No change
more times durir				had been drinking a driven a car or othe				
the 30 days belo								

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

spanic ury and Violenc						*		CI 6
		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
	ys before the surve	texted or e-mailed v y, among students w						
		49.5		38.5	44.9	No linear change	Not available§	No change
		did not go to school		unsafe at school or	on their way to or			
		did not go to school g the 30 days before 7.7		unsafe at school or o	on their way to or 7.4	No linear change	Not available	No change
from school (on a 10.1  QN16: Percenta	at least 1 day durin 5.3 ge of students who	g the 30 days before	the survey)	8.1	7.4	No linear change	Not available	No change
from school (on a 10.1  QN16: Percenta	at least 1 day durin 5.3 ge of students who	g the 30 days before 7.7 were threatened or	the survey)	8.1	7.4	No linear change  No linear change	Not available  Not available	No change
20.1 QN16: Percentagun, knife, or clu	ge of students who ab, one or more tim  8.3 ge of students who	g the 30 days before 7.7 were threatened or es during the 12 mo	e the survey) injured with a weap inths before the surv	8.1 pon on school prope vey)	7.4 erty (such as a			

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019	
2009	2011	2013	2015	2017	2019	_		
QN19: Percent want to)	age of students who	were ever physicall	y forced to have se	xual intercourse (w	hen they did not			
				10.0	4.8	No linear change	Not available§	No change
		experienced sexual						,
dating or going forced to have s	out with to do sexua sexual intercourse] to	al things [counting so hat they did not wan	uch things as kissin t to, one or more tin	g, touching, or beir mes during the 12 n	ng physically nonths before the			
dating or going forced to have s	out with to do sexua sexual intercourse] to	al things [counting s	uch things as kissin t to, one or more tin	g, touching, or beir mes during the 12 n	ng physically nonths before the	No linear change	Not available	No change
dating or going forced to have s survey, among s  QN22: Percent someone they winjured with an	out with to do sexus sexual intercourse] ti students who dated of age of students who were dating or going object or weapon] of	al things [counting so hat they did not wan or went out with son	uch things as kissin to, one or more tineone during the 12 all dating violence (such things as being tring the 12 months	ng, touching, or being mes during the 12 nmonths before the 11.0  being physically hug, hit, slammed into before the survey,	ng physically nonths before the survey)  16.7  art on purpose by something, or	No linear change	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Hispanic Injury and Violence

		Health Risk Behav	vior and Percenta	ges		Quadratic Change*	Change from 2017-2019 <sup>†</sup>	
2009	2011	2013	2015	2017	2019			
QN23: Percenta survey)	age of students who	were bullied on sch	nool property (ever	during the 12 month	as before the			
24.0	21.8	20.7		19.9	24.5	No linear change	Not available <sup>§</sup>	No change
	age of students who book, or other socia			being bullied through	h texting,			
	17.3	15.7		17.6	17.9	No linear change	Not available	No change
	age of students who			for >=2 weeks in a survey)	row so that they			
33.9	25.0	29.2		31.6	42.3	Increased, 2009-2019	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
QN26: Percenta	ge of students who	seriously considered	d attempting suicid	e (ever during the 1	2 months before			
21.8	14.7	14.4		15.7	20.0	No linear change	Not available <sup>§</sup>	No change
QN27: Percenta		made a plan about l	now they would atte	empt suicide (during	g the 12 months			
20.3	12.4	14.2		18.3	16.0	No linear change	Not available	No change
QN28: Percenta survey)	ge of students who	attempted suicide (	one or more times of	luring the 12 month	s before the			
10.2	14.7	11.3		9.9	8.8	No linear change	Not available	No change
		had a suicide attemse (during the 12 mg			or overdose that			
ing to our invarious								

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
N30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
55.6	51.5	40.6		31.7	25.1	Decreased, 2009-2019	Not available§	No change
M21. Darganta		C	1	12 /	, CC )	, ,		
inor. Percenta	ge of students who	first tried eigarette s	smoking before age	e 13 years (even one	or two puffs)			
gns1: Fercenta	ge of students who	first tried eigarette s	smoking before age	13 years (even one	9.2	No linear change	Not available	No change
		currently smoked ci		10.1	9.2		Not available	No chang
N32: Percenta				10.1	9.2		Not available  Not available	No chang
N32: Percenta urvey) 21.6	ge of students who 14.8 centage of students	currently smoked ci	igarettes (on at leas	10.1 t 1 day during the 3	9.2 0 days before the 7.3			

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Hisnanic

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QNDAYCIG: For the surve		nts who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
8.1	3.1	2.5		0.7	0.0	Not available	Not available§	Not available
							1 tot available	
e-pipes, vape pij	pes, vaping pens, e-	currently used an el hookahs, and hooka east 1 day during the	h pens [such as blu	luct (including e-ciş	garettes, e-cigars,		1.00 0.000	
e-pipes, vape pij	pes, vaping pens, e-	currently used an el	h pens [such as blu	luct (including e-ciş	garettes, e-cigars,	Increased, 2017-2019	Not available	Increased
Pipes, vape pip Vapin Plus, eGo QNFREVP: Per	pes, vaping pens, e- o, and Halo], on at lo	currently used an el hookahs, and hooka east 1 day during the	h pens [such as blu 230 days before the	duct (including e-cig , NJOY, Vuse, Mar e survey) 8.3	garettes, e-cigars, kTen, Logic, 25.3			Increased

<sup>\*</sup>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.

Hispanic Tobacco Use		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	Percentage of stude fore the survey)	nts who currently us	ed electronic vapor	products daily (on	all 30 days during			
				2.6	5.0	No linear change	Not available <sup>§</sup>	No change
	entage of students when 30 days before the		cigarettes or used	electronic vapor pro	oducts (on at least			
, ,	,	3,		10.8	25.5	Increased, 2017-2019	Not available	Increased
dissolvable tob	tage of students who acco products [such , on at least 1 day du	as Copenhagen, Gri	zzly, Skoal, or Cam					
				3.5	3.7	No linear change	Not available	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

	1	Health Risk Behav	vior and Percentag	Linear Change*	Quadratic Change*	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
			igars (cigars, cigari	llos, or little cigars,	on at least 1 day	,		
	ge of students who was before the survey		igars (cigars, cigari	llos, or little cigars,	on at least 1 day 3.0	Decreased, 2009-2019	Not available <sup>§</sup>	Decreased
during the 30 day	s before the survey	13.4		6.7	3.0	Decreased, 2009-2019	Not available <sup>§</sup>	Decreased
during the 30 day	17.4 tage of students wh	13.4		_	3.0	Decreased, 2009-2019	Not available <sup>§</sup>	Decreased

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N40: Percenta	ge of students who	had their first drink	of alcohol before a	age 13 years (other t	han a few sips)			
28.3	28.5	20.5		17.8	20.1	Decreased, 2009-2019	Not available§	No change
	ge of students who	currently drank alco	ohol (at least one di	rink of alcohol, on a	t least 1 day			
23 da.	,	• •						
50.9	38.7	35.2		27.3	34.3	Decreased, 2009-2019	Not available	No chang
50.9	38.7		a (one or more time	,	34.3	Decreased, 2009-2019	Not available	No change
50.9	38.7	35.2	a (one or more time	,	43.8	Decreased, 2009-2019  No linear change	Not available  Not available	No chang
50.9 2N45: Percenta 44.1	38.7 ge of students who 48.7	35.2 ever used marijuana		es during their life)				

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

### Wisconsin High School Survey 10-year Trend Analysis Report

Hispanic **Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) 27.1 21.9 23.7 26.1 33.4 No linear change Not available§ No change QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life) 14.5 14.6 No linear change Not available No change QN57: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey) 29.5 36.3 24.9 24.3 19.4 Decreased, 2009-2019 Not available No change

<sup>\*</sup>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.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behavior and Percentages				Linear Change <sup>*</sup>	Linear Change <sup>*</sup> Quadratic Change <sup>*</sup>					Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019								
QN58: Percenta	ge of students who	ever had sexual inte	rcourse										
50.9	46.3	41.1		39.9	38.0	Decreased, 2009-2019	Not available§	No change					
QN59: Percenta	ge of students who	had sexual intercour	rse for the first tim	e before age 13 year	rs								
9.7	7.1	6.5		5.3	3.5	No linear change	Not available	No change					
QN60: Percenta	ge of students who	had sexual intercour	rse with four or mo	ore persons during th	neir life								
16.3	14.0	10.5		9.7	10.5	No linear change	Not available	No change					
	ge of students who		ally active (had see	xual intercourse with	n at least one								
42.3	35.8	32.3		27.2	28.7	Decreased, 2009-2019	Not available	No change					

<sup>\*</sup>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.

	]	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		ho were overweight c reference data fro			ile for body mass			
17.7	15.3	14.2		14.5	18.5	No linear change	Not available <sup>¶</sup>	No change
		who had obesity (> the 2000 CDC gro		or body mass index 24.0	, based on sex-	Increased, 2009-2019	Not available	No change
and age-specific 8.8	reference data from	the 2000 CDC gro	wth charts)§	24.0	19.1	Increased, 2009-2019	Not available	No chang
and age-specific 8.8	reference data from	10.5	wth charts)§	24.0	19.1	Increased, 2009-2019  No linear change	Not available  Not available	No chang
8.8  QN70: Percenta	11.4 ge of students who 9.2	10.5 did not eat fruit (on-	wth charts)§	24.0  ring the 7 days before 12.5	re the survey) 5.4			

<sup>\*</sup>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.

<sup>&</sup>lt;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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Not enough years of data to calculate.

ispanic eight Managem	ent and Dietary Be	haviors Health Risk Behav	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 †			
2009	2011	2013	2015	2017	2019			
QNBK7DAY:	Percentage of studer	nts who ate breakfas	st on all 7 days (dur	ing the 7 days befor	re the survey)			
	32.3	35.5		28.0	24.8	Decreased, 2011-2019	Not available§	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

### Wisconsin High School Survey 10-year Trend Analysis Report

Hispanic **Physical Activity Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN78: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 42.2 43.9 41.6 37.7 No linear change Not available§ No change QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of

23.5

the time during the 7 days before the survey)

13.8

22.9

14.4

20.2

17.4

18.7 No linear change

Increased, 2011-2019

20.6

Not available

Not available

No change

No change

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	res		Linear Change*	Linear Change* Quadratic Change*	
2009	2011	2013	2015	2017	2019	<del></del>		
QN79: Percenta	ge of students who	watched television 3	3 or more hours per	r day (on an average	e school day)			
25.7	30.5	29.4		16.4	24.2	No linear change	Not available§	No change
	ne spent on things s	played video or con uch as Xbox, PlayS other social media, f	tation, an iPad or o	ther tablet, a smartp	phone, texting,			
YouTube, Instag school day)								

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behavi	ior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	age of students who	saw a dentist (for a evey)	check-up, exam, to	eeth cleaning, or oth	er dental work,			
		71.0		68.3	67.9	No linear change	Not available§	No change
QNNODNT: P	ercentage of studen	ts who never saw a d	entist (for a check	-up, exam, teeth clea	aning, or other			
		2.2		2.5	1.5	No linear change	Not available	No change
QN87: Percent	age of students who	had ever been told b	by a doctor or nurs	e that they had asthr	na			
				18.0	22.3	No linear change	Not available	No change
ON88: Percent	age of students who	got 8 or more hours	of sleep (on an av	erage school night)				
<b>C</b>								

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

Hispanic Other **Health Risk Behavior and Percentages** Linear Change\*

	]	Health Risk Behav	rior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN89: Percentage before the survey	-	described their grad	les in school as mos	stly A's or B's (during	ng the 12 months			
54.3	58.2	62.7		63.1	55.4	No linear change	Not available§	No change

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behavi	ior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N91: Percenta	ge of students who	never or rarely feel	safe from physical	harm when they are	e at school			
13.9	17.6	14.5		15.2	12.0	No linear change	Not available <sup>§</sup>	No change
N92: Percenta	ge of students who	disagree or strongly	disagree that viole	ence is a problem at	their school			
49.5	33.9	40.3		38.7	33.6	No linear change	Not available	No change
N96: Percenta s a problem at t		disagree or strongly	disagree that hara	ssment and bullying	g by other students	S		
32.2	21.6	21.2		23.7	16.2	Decreased, 2009-2019	Not available	No change
		did something to purpose one or more ti				;		,
	ig themserves on pe							

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		have had significant oing to happen (duri			nervous, tense,			
				39.2	59.0	Increased, 2017-2019	Not available <sup>§</sup>	Increased
N99: Percenta	ge of students who	ever drank alcohol (	(at least one drink	of alcohol, on at least	st 1 day during			
82.1	68.9	69.8		63.7	60.0	Decreased, 2009-2019	Not available	No change
N100: Percent eir life)	age of students who	have taken over-th	e-counter drugs to	get high (one or mo	ore times during			
16.2	14.1	12.4		5.9	6.2	Decreased, 2009-2019	Not available	No change
		o attended school un e times during the 1			legal drugs (such			

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

# **Wisconsin High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN103: Percen	itage of students wh	no are transgender		3.0	0.9	No linear change	Not available <sup>§</sup>	No change
		no most of the time on one hour on a sunr		creen (with an SPF	of 15 or higher			
				creen (with an SPF 12.3	of 15 or higher 9.1	No linear change	Not available	No change
when they are o	utside for more tha	n one hour on a sunr	ny day)	12.3	9.1	No linear change	Not available	No change
when they are o	utside for more tha	n one hour on a sunr 11.0	ny day)	12.3	9.1	No linear change  No linear change	Not available  Not available	No change
QN113: Percen	nutside for more tha	n one hour on a sunr 11.0	agree that they feel	12.3 like they belong at t	9.1 heir school 51.9			

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.

		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		o most of the time o		nd of help they need	(among students			
				26.6	19.3	No linear change	Not available§	No change
		o would most likely s who report having						
						No linear change	Not available	No change
				peless, angry, or an	xious)	No linear change	Not available	No change
about their feeli	ngs (among student		felt sad, empty, ho	peless, angry, or and	xious) 19.9	No linear change	Not available	No change
about their feeli	ngs (among student	s who report having	felt sad, empty, ho	peless, angry, or and	xious) 19.9	No linear change  Decreased, 2009-2019	Not available  Not available	No change
about their feeling	ngs (among student	s who report having	felt sad, empty, ho	17.5  cellent or very good	19.9 19.4 d			
about their feeling about the feeling about the feeling about their feeling about the feeling	ngs (among student tage of students wh	s who report having	felt sad, empty, ho	17.5  accellent or very good 52.8	19.9 d 40.2	Decreased, 2009-2019		

<sup>\*</sup>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.

<sup>§</sup>Not enough years of data to calculate.