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		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
2N8: Percentag	ge of students who r	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else	)		
13.4	14.6	10.2	9.5	8.1	8.6	Decreased, 2009-2019	No quadratic change	No change
		ode with a driver wh s before the survey)		ng alcohol (in a car o	or other vehicle,			
ne or more time	es during the 50 day	s before the survey)		19.2	18.4	No linear change	Not available <sup>§</sup>	No change
		drove a car or other						
	ng the 30 days before the survey)	e the survey, among	, students who had					

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otal jury and Violenc	e							
		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
QN12: Percenta 30 days before th		carried a weapon (s	uch as a gun, knife,	, or club, on at least	1 day during the			
19.9	17.5	17.5	18.0	15.6	16.7	No linear change	No quadratic change	No change
	ge of students who g the 30 days befor	carried a weapon or re the survey)	n school property (s	uch as a gun, knife	, or club, on at			
6.5	5.7	4.8	4.5	3.5	3.9	Decreased, 2009-2019	No quadratic change	No change
		carried a gun (not c shooting, on at leas				No linear change	Not available <sup>§</sup>	No change
		did not go to school g the 30 days before		insafe at school or o	on their way to or			
7.4	7.0	8.3	6.3	10.2	14.4	Increased, 2009-2019	No change, 2009-2015 Increased, 2015-2019	Increased

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

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	]	Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		were threatened or in es during the 12 mor			rty (such as a			
9.3	10.4	9.1	7.5	7.9	6.7	Decreased, 2009-2019	No quadratic change	No change
QN17: Percenta	age of students who	were in a physical fi	ght (one or more ti	mes during the 12	months before the			
survey)	0	1 2		6				
survey) 35.9	27.6	23.9	22.8	21.1	23.9	Decreased, 2009-2019	Decreased, 2009-2013 No change, 2013-2019	No change
	27.6		22.8	21.1	23.9		,	No change
35.9 QN19: Percenta	27.6	23.9	22.8	21.1	23.9		,	No change No change
35.9 QN19: Percenta want to) 11.0	27.6 age of students who 10.0	23.9 were ever physically	22.8 7 forced to have set 9.0	21.1 xual intercourse (where the second seco	23.9 hen they did not 8.7	Decreased, 2009-2019	No change, 2013-2019	

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

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		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
		were electronically l media, ever during			ı texting,			
				15.2	13.4	No linear change	Not available <sup>§</sup>	No change
		felt sad or hopeless			row so that they	. ,		,
		felt sad or hopeless , ever during the 12 r 36.4			row so that they 40.6	Increased, 2009-2019	No quadratic change	No change
34.9 QN26: Percenta	ome usual activities 33.6	, ever during the 12 r	34.2	urvey) 36.4	40.6	Increased, 2009-2019	No quadratic change	No change
34.9 QN26: Percenta	ome usual activities 33.6	, ever during the 12 n 36.4	34.2	urvey) 36.4	40.6	Increased, 2009-2019 Increased, 2009-2019	No quadratic change No quadratic change	No change No change
34.9 34.9 QN26: Percenta the survey) 17.3	age of students who 18.7	, ever during the 12 1 36.4 seriously considered	34.2 1 attempting suicide 18.6	36.4 e (ever during the 1 19.2	40.6 2 months before 20.9	·		

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

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]	Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2011	2013	2015	2017	2019			
of students who	attempted suicide (c	one or more times d	uring the 12 month	s before the			
10.3	10.6	9.6	11.3	10.4	No linear change	No quadratic change	No change
	2011 of students who	2011   2013     of students who attempted suicide (or	2011     2013     2015       of students who attempted suicide (one or more times d	2011     2013     2015     2017       of students who attempted suicide (one or more times during the 12 month)	2011       2013       2015       2017       2019         of students who attempted suicide (one or more times during the 12 months before the	2011       2013       2015       2017       2019         of students who attempted suicide (one or more times during the 12 months before the	2011     2013     2015     2017     2019       of students who attempted suicide (one or more times during the 12 months before the

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

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		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			
QN30: Percenta	age of students who	ever tried cigarette	smoking (even one	or two puffs)				
53.6	46.5	43.9	37.0	29.9	24.6	Decreased, 2009-2019	No quadratic change	No change
QN31: Percenta	age of students who	first tried cigarette s	smoking before age	13 years (even one 8.5	or two puffs) 7.9	No linear change	Not available <sup>§</sup>	No change
QN32: Percenta	age of students who			8.5	7.9	No linear change	Not available <sup>§</sup>	No change
				8.5	7.9	No linear change Decreased, 2009-2019	Not available <sup>§</sup> No quadratic change	No change No change
QN32: Percenta survey) 19.7	age of students who 17.4	currently smoked ci 14.1	igarettes (on at leas 10.1	8.5 t 1 day during the 3 7.1	7.9 0 days before the 5.3			

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

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QNDAYCIG: I before the surve		nts who currently sm	oked cigarettes dail	ly (on all 30 days d	uring the 30 days			
3.9	3.7	3.4	1.5	1.1	0.4	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	Decreased
	pes, vaping pens, e-	ever used an electro hookahs, and hooka						,
_			51.6	51.0	48.4	No linear change	Not available <sup>§</sup>	No change
0.1125 . D		currently used an el		luct (including e-ci NJOY, Vuse, Mar				
e-pipes, vape pi		east 1 day during the		survey)				

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

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otal obacco Use								
		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	rcentage of students 30 days before the	s who currently used survey)	l electronic vapor pr	oducts frequently (	on 20 or more			
			3.1	5.3	7.8	Increased, 2015-2019	Not available <sup>§</sup>	No change
QNDAYEVP: the 30 days befo		nts who currently us	ed electronic vapor	products daily (on	all 30 days during	y 2		
			1.6	3.7	5.7	Increased, 2015-2019	Not available	No change
	ntage of students w 30 days before the	no currently smoked survey)	cigarettes or used e	electronic vapor pro	ducts (on at least	t		
			30.8	18.9	19.5	Decreased, 2015-2019	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. <sup>\*</sup>Based on t-test analysis, p < 0.05. <sup>\*</sup>Not enough years of data to calculate.

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		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				
dissolvable toba	cco products [such	currently used smok as Copenhagen, Griz ring the 30 days befor	zzly, Skoal, or Cam						
				4.6	2.5	Decreased, 2017-2019	Not available <sup>§</sup>	Decreased	
	age of students who ys before the surve	currently smoked ci	gars (cigars, cigaril			Decreased, 2017-2019	Not available <sup>§</sup>	Decreased	
			gars (cigars, cigaril 10.1			Decreased, 2017-2019 Decreased, 2009-2019	Not available <sup>§</sup> No quadratic change	Decreased No change	
during the 30 da 18.0	tys before the surve 15.8 ntage of students wh	y)	10.1	los, or little cigars, 5.5	on at least 1 day 4.9				

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

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otal obacco Use		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019	_		
smokeless toba	tage of students who acco, shisha or hooka ong students who use	h tobacco, and elect	tronic vapor product	s, ever during the 1	2 months before			

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
25.6	21.3	19.3	16.5	18.0	17.0	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	No change
	ge of students who ys before the survey	currently drank alco	hol (at least one dr	ink of alcohol, on a	t least 1 day			
44.5	43.8	36.0	34.8	33.1	26.6	Decreased, 2009-2019	No quadratic change	Decreased

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

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
		usually got the alcoludents who currentl		omeone giving it to	them (during the			
		35.8	44.4	38.8	40.1	No linear change	Not available <sup>§</sup>	No change
QN46: Percenta	ge of students who	tried marijuana for t	he first time before	age 13 years				
11.8	11.4	9.8	10.0	7.4	8.2	Decreased, 2009-2019	No quadratic change	No change
QN47: Percenta survey)	ge of students who	currently used marij	uana (one or more	times during the 30	) days before the			
23.7	22.9	23.5	23.3	19.5	26.1	No linear change	No quadratic change	Increased
differently than l	now a doctor told th	ever took prescriptio lem to use it (countin more times during th	ng drugs such as co					
				15.4	17.5	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. <sup>†</sup>Based on t-test analysis, p < 0.05.

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		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			
	ge of students who more times during	ever used cocaine (a their life)	any form of cocaine	, including powder	, crack, or			
11.5	10.5	10.1	9.2	5.6	5.5	Decreased, 2009-2019	No quadratic change	No change
		ever used heroin (al	so called "smack,"	"junk," or "China V	Vhite," one or			
QN52: Percenta nore times durin 3.5		ever used heroin (al 4.7	so called "smack," 2.9	"junk," or "China V 1.9	White," one or 2.2	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
nore times durin 3.5 QN53: Percenta	ng their life) 4.0	4.7 ever used methamp	2.9	1.9	2.2	Decreased, 2009-2019		No chang
nore times durin 3.5 QN53: Percenta	g their life) 4.0 ge of students who	4.7 ever used methamp	2.9	1.9	2.2	Decreased, 2009-2019 Decreased, 2009-2019		No chang No chang
20053: Percenta 3.5 20053: Percenta Vice," or "meth," 5.7	ge of students who one or more times 5.2 ge of students who	4.7 ever used methamp during their life)	2.9 hetamines (also call 3.8	1.9 ed "speed," "crysta 2.3	2.2 1 meth," "crank," 2.5		Decreased, 2013-2019	

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

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al ohol and Other	-	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			
	ge of students who	were offered sold	or given an illegal d	lrug on school prop	erty (during the			
2N57: Percentage 2 months before		were offered, sold,	8	0 1 1				

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tal xual Behaviors								
		Health Risk Behav	ior and Percentag	es		Linear 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	ercourse					
48.6	46.9	45.4	39.4	34.0	34.3	Decreased, 2009-2019	No quadratic change	No change
QN59: Percenta	ge of students who	had sexual intercou	rse for the first time	e before age 13 yea	rs			
5.5	5.4	5.2	3.2	2.7	2.4	Decreased, 2009-2019	No quadratic change	No change
QN60: Percenta	ge of students who	had sexual intercou	rse with four or mo	re persons during th	neir life			_
14.1	14.2	10.9	10.6	8.1	7.8	Decreased, 2009-2019	No quadratic change	No change
		were currently sexu	ally active (had sex	ual intercourse wit	h at least one			
person, during th	ne 3 months before	the survey) 32.5	29.0	24.9	24.0	Decreased, 2009-2019	No quadratic change	No change
34.5	33.5							

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

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tal xual Behaviors		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			
	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
22.4	22.4	20.6	23.5	18.2	22.6	No linear change	No quadratic change	No change
currently sexuall	y active)	used a condom duri	-					
59.7	59.2	55.1	55.1	52.6	51.0	Decreased, 2009-2019	No quadratic change	No change
	ge of students who who were currently	used birth control pi sexually active)	ills before last sexu	al intercourse (to p	revent pregnancy.	,		
16.7	22.6	17.5	20.7	19.6	23.3	No linear change	No quadratic change	No change
	planon) before last	s who used an IUD sexual intercourse (						
		1.3	4.3	3.5	6.6	Increased, 2013-2019	Not available <sup>§</sup>	No change

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

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		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
birth control rin		nts who used a shot (s g) before last sexual						
		5.4	2.4	3.0	3.9	No linear change	Not available <sup>§</sup>	No change
		nts who used birth co						
implant (such as control ring (suc	s Implanon or Nexp ch as NuvaRing) be	nts who used birth co lanon); or a shot (suc fore last sexual interc	h as Depo-Provera	), patch (such as O	rthoEvra), or birth			
implant (such as	s Implanon or Nexp ch as NuvaRing) be	lanon); or a shot (suc	h as Depo-Provera	), patch (such as O	rthoEvra), or birth	Increased, 2013-2019	Not available	No change
Annotation of the second secon	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 (suc fore last sexual interc	h as Depo-Provera ourse (to prevent p 27.4 condom during last uch as Implanon o ol ring (such as No	), patch (such as O pregnancy, among s 26.1 t sexual intercourse or Nexplanon); or a uvaRing) before las	rthoEvra), or birth students who were 33.8 and birth control shot (such as	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.

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otal exual Behaviors		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		nts who did not use ere currently sexual		ent pregnancy durir	ng last sexual			
intercourse (amor	ig students who w	ere carrenty seriaan						

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

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	2	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			
	entage of students w sex- and age-specifi				ile for body mass			
14.3	13.9	12.7	14.7	15.7	17.4	Increased, 2009-2019	No change, 2009-2013 Increased, 2013-2019	No change
	rcentage of students reference data from			or body mass index,	based on sex-			
12.8	10.9	10.7	10.9	12.5	13.3	No linear change	No change, 2009-2013 No change, 2013-2019	No change
	age of students who	described themselve	es as slightly or ver	y overweight				
QN67: Percenta			30.4	31.9	33.3	Increased, 2009-2019	Decreased, 2009-2013 Increased, 2013-2019	No change
QN67: Percenta 30.1	29.4	26.6	50.1				Increased, 2015-2019	
30.1	29.4 age of students who						Increased, 2013-2019	

 $^*$ 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>8</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. <sup>I</sup>Not enough years of data to calculate.

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		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN69: Percent lays before the		) did not drink fruit j	uice (100% fruit jui	ces one or more tin	nes during the 7			
			27.3	32.4	38.2	Increased, 2015-2019	Not available <sup>§</sup>	Increased
N70: Percent	age of students who	did not eat fruit (on		<b>c</b>	•			
ONFR0: Perce	ntage of students wh	ho did not eat fruit o	10.9 r drink 100% fruit ji	14.3	13.2	No linear change	Not available	No chang
QNFR0: Perce	ntage of students wh		10.9 r drink 100% fruit ji	14.3	13.2	No linear change	Not available Not available	No chang No chang
NFR0: Perce uice, or grape j NFR1: Perce	ntage of students wh uice, during the 7 d	ho did not eat fruit o	10.9 r drink 100% fruit ju y) 6.7 100% fruit juices of	14.3 uices (such as oran, 8.3 ne or more times pe	13.2 ge juice, apple 7.0			

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

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		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			
		ho ate fruit or drank uice, during the 7 da			er day (such as			
			30.1	24.5	23.7	Decreased, 2015-2019	Not available <sup>§</sup>	No change
ON71 · Percent	age of students who	did not eat green sa	lad (one or more tir	hes during the 7 da	vs hefore the			;
QN71: Percent survey)	age of students who	did not eat green sa	lad (one or more tir	nes during the 7 da	ys before the			
	age of students who	did not eat green sa	lad (one or more tir 39.2	nes during the 7 da 40.5	ys before the 45.2	Increased, 2015-2019	Not available	Increased
survey)		o did not eat green sa	39.2	40.5	45.2	Increased, 2015-2019	Not available	Increased
survey)			39.2	40.5	45.2	Increased, 2015-2019 No linear change	Not available Not available	Increased
survey) QN72: Percent	age of students who	o did not eat potatoes	39.2 (one or more times 36.4	40.5 during the 7 days 35.7	45.2 before the survey) 40.4			-
survey) QN72: Percent	age of students who		39.2 (one or more times 36.4	40.5 during the 7 days 35.7	45.2 before the survey) 40.4			-

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

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		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN74: Percent survey)	age of students who	did not eat other ve	getables (one or mo	re times during the	7 days before the			
			18.6	18.9	20.4	No linear change	Not available <sup>§</sup>	No chang
	centage of students or potato chips], carr					No linear change	Not available	No chang
	centage of students the fries, fried potate							
excluding Frem he survey)	-							

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		Health Risk Behav	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		who ate vegetables to bes, or potato chips],						
			26.4	22.4	22.4	Decreased, 2015-2019	Not available <sup>§</sup>	No change
excluding Frend		who ate vegetables the store of				No linear change	Not available	No change
excluding Frenche survey) QN75: Percenta	ch fries, fried potate		carrots, or other ve 14.7 bottle, or glass of s	getables, during th 12.3 oda or pop (such as	e 7 days before 11.8	No linear change	Not available	No change

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

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	]	Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
		who drank a can, be counting diet soda of						
28.1	24.1	19.7	19.5	17.3	14.1	Decreased, 2009-2019	No quadratic change	No change
				_				
		who drank a can, be counting diet soda of 12.6				Decreased, 2009-2019	No quadratic change	No change
such as Coke, P	epsi, or Sprite, not o 15.9	counting diet soda of	r diet pop, during tl 10.8	ne 7 days before the 9.7	e survey)	Decreased, 2009-2019	No quadratic change	No change
(such as Coke, P 19.8	epsi, or Sprite, not o 15.9	counting diet soda or 12.6	r diet pop, during tl 10.8	ne 7 days before the 9.7	e survey)	Decreased, 2009-2019 Increased, 2017-2019	No quadratic change Not available <sup>§</sup>	No change Increased
Such as Coke, P 19.8 QN76: Percenta QNMILK1: Per drank in a glass	ge of students who	tounting diet soda of 12.6 did not drink milk (d who drank one or m n, or with cereal and	r diet pop, during the 10.8 during the 7 days b	9.7 efore the survey) 25.5 of milk (counting	8.2 34.8 the milk they			

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

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		Health Risk Behav	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
lrank in a glass		who drank three or on, or with cereal and re the survey)				1		
	ing the f days sere							
				7.0	5.0	No linear change	Not available <sup>§</sup>	No change
		did not eat breakfast	t (during the 7 days		5.0	No linear change	Not available <sup>§</sup>	No change
			t (during the 7 days 15.2		5.0	No linear change Increased, 2013-2019	Not available <sup>§</sup> Not available	
QN77: Percenta	age of students who	did not eat breakfast	15.2	before the survey) 17.2	19.8			No change

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

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		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	_		
	l activity that increa	were physically acti sed their heart rate a						
	47.4	41.9	46.4	46.3	45.7	No linear change	Not available <sup>§</sup>	No change
east 1 day (in a he time during	ny kind of physical the 7 days before th 15.4 Percentage of studen	17.3	ed their heart rate an 15.9	nd made them breat 16.7 0 minutes per day	the hard some of 17.5 on all 7 days (in	No linear change	Not available	No change
	sical activity that in							

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

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al ysical Activity	:	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			
QN79: Percenta	ige of students who	watched television 3	3 or more hours per	day (on an average	school day)			
33.3	28.6	27.1	24.7	19.4	19.7	Decreased, 2009-2019	No quadratic change	No change
day (counting tir	nge of students who me spent on things s gram, Facebook, or o	uch as Xbox, PlayS	tation, an iPad or o	ther tablet, a smartp	hone, texting,			
school day)								
	27.7	36.9	40.5	38.9	45.3	Increased, 2009-2019	Increased, 2009-2013 Increased, 2013-2019	Increased
school day) 22.1 QN81: Percenta	27.7 age of students who were in school)					Increased, 2009-2019	-	Increased

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

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	J	Iealth Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	centage of students were in school)	who attended physi	ical education (PE)	classes on all 5 day	s (in an average			
2NDLYPE: Per week when they 32.6		who attended physi 23.0	ical education (PE) 26.3	classes on all 5 day 36.5	s (in an average 31.9	No linear change	Decreased, 2009-2013 Increased, 2013-2019	No change
week when they 32.6 QN82: Percenta	were in school)	23.0 played on at least or	26.3 ne sports team (cou	36.5	31.9	No linear change	,	No change

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tal ner		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			
QN89: Percenta before the survey		described their grad	es in school as mos	stly A's or B's (durin	ng the 12 months			
59.1	63.9	64.6	70.2	69.5	68.8	Increased, 2009-2019	Increased, 2009-2015 No change, 2015-2019	No change

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

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tal e-Added		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN90: Percenta	ge of students who	most of the time or	always feel safe an	d secure at school				
77.6	77.1	75.8	78.2	75.7	71.0	Decreased, 2009-2019	No quadratic change	No change
QN91: Percenta; survey)	ge of students who	bullied someone on	a school property (d	uring the 12 month 9.0	s before the 7.9	No linear change	Not available <sup>§</sup>	No change
		electronically bullion l media, during the			n texting,			
				6.9	8.1	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. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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	2	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			
		did something to pu rpose one or more ti						
19.8	19.7	22.6	19.4	21.3	21.1	No linear change	No quadratic change	No change
	nge of students who ng the 7 days before	were in the same root the survey)	om with someone v	who was smoking c	igarettes (on at			
east 1 day durin 48.1	g the 7 days before 45.5	the survey) 39.6	37.4	32.1	28.3	Decreased, 2009-2019	No quadratic change	No change
least 1 day durin 48.1 QN95: Percenta	g the 7 days before 45.5	the survey)	37.4	32.1	28.3	Decreased, 2009-2019	No quadratic change	No change
least 1 day durin 48.1 QN95: Percenta	g the 7 days before 45.5 ge of students who	the survey) 39.6	37.4	32.1	28.3	Decreased, 2009-2019 Increased, 2009-2019	No quadratic change No quadratic change	No change No change
least 1 day durin 48.1 QN95: Percenta as never allowed 86.2 QN96: Percenta	g the 7 days before 45.5 ge of students who l inside their home 85.2 ge of students who	the survey) 39.6 described the rule al	37.4 bout smoking cigar 91.3 amphetamines (als	32.1 ettes inside the hor 92.6 o called "speed," "o	28.3 ne where they live 92.2			

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

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e-Added	:	Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		attended school und re times during the 12			egal drugs (such			
20.7	20.7	19.5	16.4	15.3	20.1	No linear change	No quadratic change	Increased
		reported their paren to do when it comes 68.4		their family talked 65.5	with them about 59.7	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	Decreased
		received the most in elor, or some other ad		neir life about sexu	al activity from a			
13.6	14.1	14.0	14.8	11.9	12.8	No linear change	No quadratic change	No change
			rse (for a check-up	or physical exam w	hen they were			

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

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		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-201
2009	2011	2013	2015	2017	2019			
	ntage of students wh ays before the surve	o did not go to scho y)	ol because they wer	e sick or in pain (a	t least one day			
6				47.9	54.8	Increased, 2017-2019	Not available <sup>§</sup>	Increased
	ntage of students wh	o have physical disa	bilities or long-tern			,	Not available <sup>§</sup> Not available	Increased No chang

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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		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			
QN8: Percentag	e of students who i	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else			
15.2	15.3	12.1	10.7	8.0	9.7	Decreased, 2009-2019	No quadratic change	No change
		ode with a driver why before the survey		g alcohol (in a car	or other vehicle,			
		ode with a driver who with a driver who with a driver who we have a survey to be fore the survey to be fore the survey to be a		g alcohol (in a car o 19.4	or other vehicle, 18.2	No linear change	Not available <sup>§</sup>	No change
One or more time QN10: Percenta nore times durin	es during the 30 day ge of students who ng the 30 days befo		vehicle when they	19.4 had been drinking a	18.2 alcohol (one or	No linear change	Not available <sup>§</sup>	No change
One or more time 20010: Percenta nore times durin	es during the 30 day ge of students who ng the 30 days befo	ys before the survey) drove a car or other	vehicle when they	19.4 had been drinking a	18.2 alcohol (one or	No linear change Decreased, 2013-2019	Not available <sup>§</sup> Not available	No change No change
QN10: Percenta more times durin the 30 days befo	ge of students who gg of students who gg the 30 days befo re the survey) ge of students who	drove a car or other re the survey, among	vehicle when they g students who had 10.9	19.4 had been drinking a driven a car or othe 6.7	18.2 Alcohol (one or r vehicle during 6.0			

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

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		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			
	ge of students who g the 30 days befor	carried a weapon or e the survey)	school property (s	such as a gun, knife,	or club, on at			
9.0	8.3	6.4	6.0	4.2	5.1	Decreased, 2009-2019	No quadratic change	No change
		carried a gun (not co shooting, on at least		2 months before the		No linear change	Not available <sup>8</sup>	No shana
	ge of students who	did not so to school	because they felt u	8.9				No change
QN15: Percenta		did not go to school g the 30 days before 8.3					No change, 2009-2015	No change

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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	1	Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		were threatened or i es during the 12 mor			erty (such as a			
12.6	13.1	9.9	9.5	8.7	8.5	Decreased, 2009-2019	No quadratic change	No change
		1		1	:	н н н		
	ge of students who 36.4	were in a physical fi 30.4	ight (one or more ti 28.7	mes during the 12 28.4	months before the 33.0	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	No change
urvey) 43.6 QN19: Percenta	36.4		28.7	28.4	33.0			No change
urvey) 43.6 2N19: Percenta	36.4	30.4	28.7	28.4	33.0			No change No change
A3.6 A3.6 QN19: Percenta want to) 7.5	36.4 ge of students who 7.1	30.4 were ever physically	28.7 y forced to have set 6.0	28.4 xual intercourse (w 4.5	33.0 hen they did not 5.8	Decreased, 2009-2019	No change, 2015-2019	

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

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		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
		were electronically l media, ever during			n texting,			
				10.7	10.1	No linear change	Not available <sup>§</sup>	No change
		felt sad or hopeless , ever during the 12			row so that they			
					row so that they 29.9	No linear change	No change, 2009-2015 Increased, 2015-2019	No change
28.9 28.9 QN26: Percenta	ome usual activities 28.5	, ever during the 12	24.6	26.3	29.9	No linear change		No change
28.9 28.9 QN26: Percenta	ome usual activities 28.5	, ever during the 12 p 28.4	24.6	26.3	29.9	No linear change No linear change		
28.9 28.9 QN26: Percenta the survey) 13.3	age of students who 15.5 age of students who	, ever during the 12 m 28.4 seriously considered	24.6 1 attempting suicide 13.2	26.3 e (ever during the 1 14.0	29.9 2 months before 15.4		Increased, 2015-2019	No change No change

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

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		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			
QN28: Percentage survey)	e of students who	attempted suicide (o	one or more times d	uring the 12 months	s before the			
7.6	9.0	8.1	6.2	10.0	8.1	No linear change	No quadratic change	No change

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le bacco 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			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)	÷			
				22.0	26.5	D 1 2000 2010	No quadratic change	No change
56.2 QN31: Percenta	47.2 ge of students who	47.9 first tried cigarette s	36.8 smoking before age	32.0 13 years (even one 9.9	26.5 or two puffs) 9.2	Decreased, 2009-2019	Not available <sup>§</sup>	
QN31: Percenta QN32: Percenta	ge of students who		smoking before age	13 years (even one 9.9	or two puffs) 9.2	No linear change		No change
QN31: Percenta	ge of students who	first tried cigarette s	smoking before age	13 years (even one 9.9	or two puffs) 9.2			-
QN31: Percenta QN32: Percenta urvey) 21.8	ge of students who ge of students who 20.0 centage of students	first tried cigarette s currently smoked ci	smoking before age igarettes (on at leas 9.9	13 years (even one 9.9 t 1 day during the 3 7.5	or two puffs) 9.2 0 days before the 6.5	No linear change	Not available <sup>§</sup>	No change

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

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		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			
QNDAYCIG: I before the surve	U U	its who currently sm	oked cigarettes dail	y (on all 30 days d	uring the 30 days			
5.1	5.0	3.7	1.5	1.3	0.5	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
	pes, vaping pens, e-	ever used an electro hookahs, and hooka						
			53.7	52.5	49.2	No linear change	Not available <sup>§</sup>	No change
	age of students who	currently used an el						
e-pipes, vape pi	pes, vaping pens, e-	hookahs, and hooka east 1 day during the			- , - 8 - ,			

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

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ale bacco Use		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ercentage of students 30 days before the s		l electronic vapor pr	oducts frequently (	on 20 or more	· · · ·		
aujs aaring the		ui (cy)	3.5	8.0	9.0	Increased, 2015-2019	Not available <sup>§</sup>	No change
QNDAYEVP: the 30 days befo	Percentage of studes ore the survey)	nts who currently us	ed electronic vapor 1.2	products daily (on 5.7	all 30 days during 5.9	g Increased, 2015-2019	Not available	No change
	ntage of students wh e 30 days before the		cigarettes or used e	lectronic vapor pro	ducts (on at least	t		
I day during the	~	•			20.5			

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
		currently used smok as Copenhagen, Griz						
		ring the 30 days befo			ing any electronic			
				6.9	4.1	Decreased, 2017-2019	Not available <sup>§</sup>	No change
vapor products, QN38: Percenta	on at least 1 day du	ring the 30 days before the second se	ore the survey)	6.9	4.1		Not available <sup>§</sup>	No change
vapor products, QN38: Percenta	on at least 1 day du	ring the 30 days before the second se	ore the survey)	6.9	4.1		Not available <sup>§</sup> No quadratic change	No change No change
vapor products, QN38: Percenta during the 30 da 21.4	on at least 1 day du age of students who ys before the surve 21.1 ntage of students wh	ring the 30 days before currently smoked city)	ore the survey) igars (cigars, cigaril 13.4	6.9 los, or little cigars, 7.1	4.1 on at least 1 day 7.1	Decreased, 2017-2019 Decreased, 2009-2019		

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

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lale obacco Use		Health Risk Beha	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019	_		
smokeless toba	tage of students who acco, shisha or hooka ong students who use	tobacco, and elec	tronic vapor product	ts, ever during the 1	2 months before			

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	]	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			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
28.7	24.8	21.9	16.5	20.8	20.4	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	No change
	ge of students who ys before the survey	currently drank alco	hol (at least one dr	ink of alcohol, on a	t least 1 day			
45.3	43.4	33.9	33.0	30.2	23.5	Decreased, 2009-2019	No quadratic change	No change
		currently were bing						
	g the 30 days before	lrinks of alcohol in a the survey)	a row for male stud	ents, within a coup	le of hours, on at			
				15.4	13.4	No linear change	Not available <sup>§</sup>	No change

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		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			
		usually got the alcoludents who currentl		omeone giving it to	them (during the			
		33.0	34.2	32.5	32.4	No linear change	Not available <sup>§</sup>	No change
QN46: Percenta	ge of students who	tried marijuana for t	he first time before	age 13 years				
14.2	14.2	12.0	10.7	9.7	9.6	Decreased, 2009-2019	No quadratic change	No change
QN47: Percenta survey)	ge of students who	currently used marij	uana (one or more	times during the 30	) days before the			
26.7	26.3	27.6	24.1	18.7	25.7	No linear change	No quadratic change	Increased
differently than I	how a doctor told the	ever took prescriptio em to use it (countin more times during th	ng drugs such as co	ithout a doctor's pr deine, Vicodin, Ox	escription or cyContin,			
				14.7	17.1	No linear change	Not available	No change

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

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
	nge of students who more times during	ever used cocaine (a their life)	any form of cocaine	, including powder	, crack, or			
12.8	11.1	11.6	10.2	6.0	6.6	Decreased, 2009-2019	No quadratic change	No change
nore times duri	ng their life) 4.9	5.6	3.4	2.6	3.1	Decreased, 2009-2019	No quadratic change	No chang
	ge of students who	ever used methamp during their life)	hetamines (also call	ed "speed," "crysta	l meth," "crank,"			
QN53: Percenta			hetamines (also call 4.4	ed "speed," "crysta 2.5	1 meth," "crank," 3.6	Decreased, 2009-2019	No quadratic change	No chang
QN53: Percenta 'ice," or "meth," 5.5	nge of students who one or more times 5.9 nge of students who	during their life)	4.4	2.5	3.6	Decreased, 2009-2019	No quadratic change	No chang

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		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			
QN57: Percenta 2 months befor	age of students who the survey)	were offered, sold,	or given an illegal c	lrug on school prop	erty (during the			
	38.2	34.2	30.6	29.1	30.1	Decreased, 2009-2019	No quadratic change	No change

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le xual Behaviors								
	]	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			
QN58: Percenta	ige of students who	ever had sexual inte	rcourse		÷			
52.1	49.7	48.4	41.2	35.8	36.2	Decreased, 2009-2019	No quadratic change	No change
QN59: Percenta	ige of students who	had sexual intercour	rse for the first time	before age 13 year	rs			
7.8	7.9	6.4	3.5	4.3	3.2	Decreased, 2009-2019	No quadratic change	No change
	ge of students who	had sexual intercour	rse with four or mo	re persons during th	neir life			
QN60: Percenta	0							
QN60: Percenta 17.4	16.6	11.6	10.8	9.3	8.6	Decreased, 2009-2019	No quadratic change	No change
17.4 QN61: Percenta		11.6 were currently sexu				Decreased, 2009-2019	No quadratic change	No chang

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lle xual Behaviors		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
28.0	25.8	26.6	21.4	20.1	20.7	No linear change	No quadratic change	No change
QN63: Percenta currently sexuall		used a condom durin	ng last sexual inter	course (among stud	ents who were			
70.6	69.2	62.2	59.0	54.2	59.7	Decreased, 2009-2019	No quadratic change	No change
	ge of students who who were currently	used birth control pi sexually active)	ills before last sexu	al intercourse (to p	revent pregnancy			
17.6	20.2	14.3	21.1	19.5	22.3	No linear change	No quadratic change	No change
	planon) before last	s who used an IUD ( sexual intercourse (						
		1.1	3.2	3.1	5.6	Increased, 2013-2019	Not available <sup>§</sup>	No change

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

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		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
birth control rin		nts who used a shot (s g) before last sexual						
		3.2	1.3	0.7	3.3	No linear change	Not available <sup>§</sup>	Increased
QNOTHHPL: ]	Percentage of stude	nts who used birth co	ntrol pills; an IUD	(such as Mirena or	ParaGard) or			
implant (such as control ring (suc	s Implanon or Nexp ch as NuvaRing) be	nts who used birth co lanon); or a shot (suc fore last sexual interc	h as Depo-Provera	), patch (such as O	rthoEvra), or birth			
implant (such as	s Implanon or Nexp ch as NuvaRing) be	lanon); or a shot (suc	h as Depo-Provera	), patch (such as O	rthoEvra), or birth	Increased, 2013-2019	Not available	No change
Angle of the second sec	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 (suc fore last sexual interc	h as Depo-Provera course (to prevent p 25.6 condom during last such as Implanon o rol ring (such as No	), patch (such as O pregnancy, among s 23.3 t sexual intercourse or Nexplanon); or a uvaRing) before las	rthoEvra), or birth students who were 31.2 and birth control shot (such as	Increased, 2013-2019	Not available	No change

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

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ale exual Behaviors		Health Risk Behav	ior and Percentag	es	Linear Change*	Linear Change <sup>*</sup> Quadratic Change <sup>*</sup>		
2009	2011	2013	2015	2017	2019			
		nts who did not use		ent pregnancy durir	ng last sexual			
intercourse (amor	ig students who we	ere currently sexual	y active)					

# **Arizona High School Survey**

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	]	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			
	entage of students w sex- and age-specifi				ile for body mass			
13.9	15.1	13.4	15.1	14.9	15.8	No linear change	No quadratic change	No change
	rcentage of students	who had obesity (> the 2000 CDC grow		or body mass index,	based on sex-			
and age-specific	Tererence data from							
and age-specific 16.8	14.6	14.1	14.5	16.9	17.6	No linear change	No quadratic change	No change
16.8					17.6	No linear change	No quadratic change	No change
16.8	14.6				17.6 28.7	No linear change Increased, 2009-2019	No quadratic change No quadratic change	No change No change
16.8 20067: Percenta 23.7	14.6 age of students who	described themselve 21.9	es as slightly or ver 26.1	y overweight				

 $^*$ 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>8</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. <sup>I</sup>Not enough years of data to calculate.

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		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
QN69: Percent lays before the		) did not drink fruit j	uice (100% fruit jui	ces one or more tin	nes during the 7			
			25.7	27.8	33.1	Increased, 2015-2019	Not available <sup>§</sup>	Increased
VN/0: Percent	age of students who	o did not eat fruit (on	e or more times dur	ing the 7 days befo	ore the survey)			
-			12.2	18.3	14.6	No linear change	Not available	No chang
QNFR0: Perce	ntage of students wl	ho did not eat fruit (on ho did not eat fruit o ays before the surve	12.2 r drink 100% fruit jı y)	18.3 uices (such as oran	14.6	No linear change	Not available	No chang
QNFR0: Perce	ntage of students wl	ho did not eat fruit o	12.2 r drink 100% fruit ji	18.3	14.6	No linear change No linear change	Not available Not available	No chang No chang
ONFR0: Perce uice, or grape j ONFR1: Perce	ntage of students when the stu	ho did not eat fruit o	12.2 r drink 100% fruit ju y) 7.2 100% fruit juices of	18.3 uices (such as oran 9.8 ne or more times pe	14.6 ge juice, apple 6.5			

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

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		<b>2013</b> no ate fruit or drank uice, during the 7 da			2019 er day (such as			
					er day (such as			
			29.4	25.1	24.5	Decreased, 2015-2019	Not available <sup>§</sup>	No change
			;			<del>.</del>		
QN71: Percentage survey)	e of students who	did not eat green sa	lad (one or more tir	nes during the 7 da	ys before the			
57			45.7	45.1	49.1	No linear change	Not available	No change
QN72: Percentage	e of students who	did not eat potatoes	(one or more times	s during the 7 days	before the survey)			
			34.5	34.0	38.5	No linear change	Not available	No change
DN73: Percentage	e of students who	did not eat carrots (	one or more times of	during the 7 days b	efore the survey)			
21075. Tereentuge	e of students who	and not car carrots (	47.6	52.7	49.4	No linear change	Not available	

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

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
QN74: Percent survey)	age of students who	did not eat other ve	getables (one or mo	re times during the	7 days before the			
			19.6	21.2	22.9	No linear change	Not available <sup>§</sup>	No change
	centage of students or potato chips], car					No linear change	Not available	No change
	centage of students ach fries, fried potate							
ne survey)								

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		Health Risk Behav	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		who ate vegetables to bes, or potato chips],						
			25.0	22.2	22.9	No linear change	Not available <sup>§</sup>	No change
		who ate vegetables the state of	carrots, or other ve	getables, during the	e 7 days before	· · · · · · · · ·		
			13.7	11.9	12.2	No linear change	Not available	No change
		did not drink a can, et pop, during the 7 d			Coke, Pepsi, or			

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

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	]	Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		who drank a can, be counting diet soda of						
33.5	30.9	22.2	22.5	19.6	16.5	Decreased, 2009-2019	No quadratic change	No change
		who drank a can, be counting diet soda of						
		who drank a can, be counting diet soda of 14.9				Decreased, 2009-2019	No quadratic change	No change
such as Coke, P 23.4	20.8	counting diet soda of	r diet pop, during tl 12.0	ne 7 days before the	e survey)	Decreased, 2009-2019	No quadratic change	No change
such as Coke, P 23.4	20.8	counting diet soda or 14.9	r diet pop, during tl 12.0	ne 7 days before the	e survey)	Decreased, 2009-2019 Increased, 2017-2019	No quadratic change Not available <sup>§</sup>	No change Increased
23.4 23.4 2N76: Percenta 2NMILK1: Per drank in a glass of	20.8 ge of students who centage of students	tounting diet soda of 14.9 did not drink milk (of who drank one or m n, or with cereal and	r diet pop, during th 12.0 during the 7 days b ore glasses per day	ne 7 days before the 11.1 efore the survey) 18.3 r of milk (counting	9.5 25.6 the milk they	·		

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

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		Health Risk Behav	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
irank in a glass	or cup, from a carto	who drank three or on, or with cereal and						
	wing the 7 down hofe	no the annuary)			_			
o one glass, du	ring the 7 days befo	re the survey)		10.7	7.1	Decreased, 2017-2019	Not available <sup>§</sup>	Decreased
		re the survey) did not eat breakfast	t (during the 7 days		7.1		Not available <sup>§</sup>	Decreased
			t (during the 7 days 15.0		7.1		Not available <sup>§</sup> Not available	Decreased No change
QN77: Percent	age of students who	did not eat breakfast	15.0	before the survey) 16.6	20.1	Decreased, 2017-2019		

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

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		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	_		
	activity that increa	were physically acti sed their heart rate a						
	56.2	50.4	52.7	54.1	51.3	No linear change	Not available <sup>§</sup>	No change
least 1 day (in a che time during QNPA7DAY: 1	ny kind of physical the 7 days before th 13.2 Percentage of studer	14.9 nts who were physica	ed their heart rate at 14.5 ally active at least 6	nd made them bread 13.9 50 minutes per day	the hard some of 15.2 on all 7 days (in	No linear change	Not available	No change
any kind of phy		creased their heart ra	ate and made them	breathe hard some	of the time during			
the 7 days befor	e ule sulvey)							

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

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ale ysical Activity		Hoolth Dials Pahar	ion and Dancanto a			Linear Change <sup>*</sup>	Quadratic Chance*	Change from
		Health Risk Behav	for and Percentage	es		Linear Change	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN79: Percenta	ge of students who	watched television a	3 or more hours per	day (on an average	e school day)			
32.7	30.9	26.6	22.8	16.9	19.3	Decreased, 2009-2019	No quadratic change	No change
day (counting tir YouTube, Instag	ne spent on things s	played video or con such as Xbox, PlayS other social media, f	tation, an iPad or of	ther tablet, a smartp	bhone, texting,			
school day)								
school day) 27.0	32.3	37.4	39.6	39.4	47.7	Increased, 2009-2019	No quadratic change	Increased
27.0	ge of students who	37.4 attended physical ec				Increased, 2009-2019	No quadratic change	Increased

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	1	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			
	ccentage of students were in school)	who attended physi	cal education (PE)	classes on all 5 day	vs (in an average			
		who attended physi 27.7	cal education (PE) 30.6	classes on all 5 day 40.7	vs (in an average 37.8	No linear change	Decreased, 2009-2013 Increased, 2013-2019	No change
40.8 2008 2008 2008 2008 2008 2008 2008 2	were in school)	27.7	30.6 ne sports team (cou	40.7	37.8	No linear change	,	No change

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ale her	:	Health Risk Behav	ior 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	es in school as mos	tly A's or B's (durin	ng the 12 months			
before the survey	/							

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ıle e-Added		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			
QN90: Percenta	ge of students who	most of the time or	always feel safe an	d secure at school				
77.3	73.8	74.2	76.2	74.4	70.8	No linear change	No quadratic change	No change
QN91: Percenta survey)	ge of students who	bullied someone on	school property (d	uring the 12 month	s before the 9.8	No linear change	Not available <sup>§</sup>	No change
		electronically bullie l media, during the			n texting,			
				6.5	9.3	Increased, 2017-2019	Not available	No change

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	]	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			
	age of students who ng themselves on pu							
15.4	14.8	17.3	12.3	15.1	16.8	No linear change	No quadratic change	No change
	age of students who ng the 7 days before 45.8		33.7	31.8	27.4	Decreased, 2009-2019	No quadratic change	No change
	age of students who I inside their home	described the rule a	bout smoking cigar	ettes inside the hon	ne where they live			
		described the rule al 87.5	bout smoking cigar 90.9	ettes inside the hon 93.1	ne where they live 91.3	Increased, 2009-2019	No quadratic change	No change

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

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		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			
		attended school und e times during the 11			egal drugs (such			
22.6	22.7	21.5	19.3	15.4	20.8	Decreased, 2009-2019	No quadratic change	Increased
		reported their paren o do when it comes 66.7		their family talked 63.8	with them about 56.9	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	Decreased
					al activity from a			
		received the most in lor, or some other ac		ieir life about sexua				
				11.4	11.5	No linear change	No quadratic change	No change
13.4 2N101: Percent	chool nurse, counse 13.5 tage of students who	lor, or some other ac	dult at school 15.0 rse (for a check-up	11.4	11.5	No linear change	No quadratic change	No change

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

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		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-201
2009	2011	2013	2015	2017	2019			
		o did not go to scho	ol because they wer	e sick or in pain (a	t least one day			
auring the 50 da	iys before the surve	y)						
				41.2	51.8	Increased, 2017-2019	Not available <sup>§</sup>	Increased
				41.2	51.8	Increased, 2017-2019	Not available <sup>§</sup>	Increased
	tage of students wh	o have physical disa	bilities or long-tern			· · · · · · · · · · · · · · · · · · ·	Not available <sup>§</sup>	Increased
	tage of students wh	o have physical disa	bilities or long-tern			· · · · · · · · · · · · · · · · · · ·	Not available <sup>§</sup> Not available	_
or more)				n health problems ( 14.6	meaning 6 months 13.0	3		Increased No chang
or more)	tage of students wh	o have physical disa		n health problems ( 14.6	meaning 6 months 13.0	3		_

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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		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			
QN8: Percentag	ge of students who i	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else)			
11.7	13.7	8.1	8.1	7.7	7.2	Decreased, 2009-2019	No quadratic change	No change
		ode with a driver w ys before the survey		g alcohol (in a car	or other vehicle,			
				g alcohol (in a car o 18.9	or other vehicle, 18.1	No linear change	Not available <sup>§</sup>	No change
One or more time QN10: Percenta nore times durin	es during the 30 da age of students who ng the 30 days befo		) vehicle when they	18.9 had been drinking a	18.1	No linear change	Not available <sup>§</sup>	No change
One or more time QN10: Percenta more times durin	es during the 30 da age of students who ng the 30 days befo	ys before the survey	) vehicle when they	18.9 had been drinking a	18.1	No linear change No linear change	Not available <sup>§</sup> Not available	No change No change
QN10: Percenta more times durin the 30 days before	es during the 30 da age of students who ng the 30 days befo ore the survey) age of students who	ys before the survey drove a car or other re the survey, amon	) r vehicle when they g students who had 7.7	18.9 had been drinking a driven a car or othe 5.7	18.1 alcohol (one or r vehicle during 4.5			

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

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emale jury and Violen	ce							
		Health Risk Behav	ior and Percentag	jes		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	age of students who ag the 30 days befor	carried a weapon or re the survey)	school property (s	such as a gun, knife	, or club, on at			
3.4	3.0	3.3	2.8	2.7	2.2	No linear change	No quadratic change	No change
		carried a gun (not c shooting, on at lease				No linear change	Not available <sup>§</sup>	No change
		did not go to school		insafe at school or o	on their way to or			
from school (on	at least 1 day durin	g the 30 days before	the survey)					
7.5	6.6	7.8	6.8	12.2	17.6	Increased, 2009-2019	No change, 2009-2015 Increased, 2015-2019	No change

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		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		were threatened or it es during the 12 mor			rty (such as a			
5.5	7.2	7.7	5.3	6.7	4.4	No linear change	No change, 2009-2013 Decreased, 2013-2019	No change
QN17: Percenta survey)	ge of students who	were in a physical fi	ght (one or more ti	mes during the 12	months before the			
-								
27.8	18.3	16.8	16.6	12.7	13.9	Decreased, 2009-2019	Decreased, 2009-2013 No change, 2013-2019	No change
27.8 27.8 2N19: Percenta		16.8 were ever physically				Decreased, 2009-2019	· ·	No change
27.8 27.8 2N19: Percenta						Decreased, 2009-2019 Decreased, 2009-2019	· ·	No change No change
27.8 20019: Percenta vant to) 14.2	ge of students who 12.8	were ever physically	7 forced to have sex	tual intercourse (w. 11.5	nen they did not 11.3	, 	No change, 2013-2019	

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

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	2	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			
		were electronically media, ever during			h texting,			
				19.2	16.7	No linear change	Not available <sup>§</sup>	No change
								;
		felt sad or hopeless ever during the 12			row so that they			
					row so that they 51.6	Increased, 2009-2019	No quadratic change	Increased
stopped doing sc 41.0	me usual activities, 38.9	ever during the 12	months before the s 44.0	survey) 46.5	51.6	Increased, 2009-2019	No quadratic change	Increased
41.0 QN26: Percenta	me usual activities, 38.9	ever during the 12 44.3	months before the s 44.0	survey) 46.5	51.6	Increased, 2009-2019 Increased, 2009-2019	No quadratic change No quadratic change	Increased No change
41.0 41.0 QN26: Percenta the survey) 21.1	me usual activities, 38.9 ge of students who 22.0 ge of students who	ever during the 12 44.3 seriously considered	44.0 44.0 d attempting suicide 23.5	46.5 e (ever during the 1 23.8	51.6 2 months before 26.5			

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

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1	Health Risk Behav	ior and Percentag		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019	
2011	2013	2015	2017	2019			
of students who	attempted suicide (c	one or more times d	uring the 12 month	s before the			
11.7	12.9	12.6	11.8	12.3	No linear change	No quadratic change	No change
-	2011 of students who	2011   2013     of students who attempted suicide (or	2011     2013     2015       of students who attempted suicide (one or more times d	of students who attempted suicide (one or more times during the 12 month	2011       2013       2015       2017       2019         of students who attempted suicide (one or more times during the 12 months before the	2011       2013       2015       2017       2019         of students who attempted suicide (one or more times during the 12 months before the	2011     2013     2015     2017     2019       of students who attempted suicide (one or more times during the 12 months before the

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	:	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			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
50.7	45.8	39.9	36.9	27.3	22.5	Decreased, 2009-2019	No quadratic change	No change
QN31: Percenta	ge of students who	first tried cigarette s	smoking before age	13 years (even one 6.8	or two puffs) 6.4	No linear change	Not available <sup>§</sup>	No change
QN32: Percenta	-	first tried cigarette s currently smoked ci		6.8	6.4	No linear change	Not available <sup>§</sup>	No change
	-			6.8	6.4	No linear change Decreased, 2009-2019	Not available <sup>§</sup> No quadratic change	No change No change
QN32: Percenta survey) 17.3	ge of students who 14.7 centage of students	currently smoked ci	garettes (on at lease 10.2	6.8 t 1 day during the 30 6.2	6.4 0 days before the 4.1			

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

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bacco 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			
QNDAYCIG: 1 before the surve		nts who currently sm	oked cigarettes dail	y (on all 30 days d	uring the 30 days			
2.6	2.5	3.1	1.4	0.8	0.3	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
	pes, vaping pens, e-	ever used an electro hookahs, and hooka						
			49.4	49.4	47.9	No linear change	Not available <sup>§</sup>	No change
	and of students who	currently used an el						
e-pipes, vape pi	pes, vaping pens, e-	hookahs, and hooka east 1 day during the			aron, Bogie,			

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

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emale obacco 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			
	rcentage of students 30 days before the	s who currently used survey)	electronic vapor pr	oducts frequently (	on 20 or more			
			2.5	2.4	6.6	Increased, 2015-2019	Not available <sup>§</sup>	Increased
QNDAYEVP: the 30 days before		nts who currently us	ed electronic vapor	products daily (on	all 30 days during	y 2		
			1.7	1.5	5.5	Increased, 2015-2019	Not available	Increased
	ntage of students will 30 days before the	ho currently smoked survey)	cigarettes or used e	electronic vapor pro	ducts (on at leas	t		
			28.6	16.3	18.5	Decreased, 2015-2019	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. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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		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			
dissolvable toba	acco products [such	currently used smok as Copenhagen, Griz ring the 30 days befor	zzly, Skoal, or Cam					
				2.1	0.8	Decreased, 2017-2019	Not available <sup>§</sup>	Decreased
	age of students who ays before the surve	currently smoked ci y)	gars (cigars, cigaril			Decreased, 2017-2019	Not available <sup>§</sup>	Decreased
			gars (cigars, cigaril 6.5			Decreased, 2017-2019 Decreased, 2009-2019	Not available <sup>§</sup> No quadratic change	
during the 30 da 14.1	nys before the surve 10.4 ntage of students wh	y)	6.5	llos, or little cigars, 3.6	on at least 1 day 2.5	Decreased, 2009-2019		Decreased No change

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

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Female Fobacco Use		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019	_		
smokeless toba	age of students who cco, shisha or hooka ong students who use	h tobacco, and elect	ronic vapor product	ts, ever during the 1	2 months before			
				41.4	50.0	No linear change	Not available <sup>§</sup>	No change

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		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			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
22.0	17.4	16.5	16.2	15.0	13.7	Decreased, 2009-2019	No quadratic change	No change
	ge of students who ys before the survey	currently drank alco	hol (at least one dr	ink of alcohol, on a	t least 1 day			
43.4	44.4	37.8	36.7	36.4	29.5	Decreased, 2009-2019	No quadratic change	Decreased

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>\*</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
QN44: Percenta 30 days before th	ge of students who he survey, among s	usually got the alcol tudents who currentl	hol they drank by so y drank alcohol)	omeone giving it to	them (during the			
		38.6	53.5	44.6	46.7	No linear change	Not available <sup>§</sup>	No change
QN46: Percenta	ge of students who	tried marijuana for t	he first time before	age 13 years				
9.0	8.4	7.6	8.9	5.1	6.7	Decreased, 2009-2019	No quadratic change	No change
QN47: Percenta survey)	ge of students who	currently used marij	uana (one or more	times during the 30	) days before the			
20.4	19.6	19.3	22.1	20.2	26.6	No linear change	No quadratic change	No change
differently than l	how a doctor told the	ever took prescription nem to use it (counting more times during the	ng drugs such as co					
,	,	6	,	15.8	17.8	No linear change	Not available	No change

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

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	-	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
	age of students who more times during		any form of cocaine	, including powder	, crack, or			
9.8	10.0	8.3	7.5	5.0	4.3	Decreased, 2009-2019	No quadratic change	No change
more times duri 2.6	age of students who ng their life) 2.8	3.7	2.1	1.2	1.0	Decreased, 2009-2019	No change, 2009-2013	No chang
2.0	2.0			1.2		2000 2007 2017	Decreased, 2013-2019	i to enung
QN53: Percenta	age of students who		hetamines (also cal					
QN53: Percenta	age of students who		hetamines (also cal 2.7			Decreased, 2009-2019		No chang
QN53: Percenta 'ice," or "meth," 5.3	age of students who ' one or more times 4.4 age of students who	during their life) 3.9	2.7	ed "speed," "crysta 1.9	1 meth," "crank," 1.2	, 	Decreased, 2013-2019	

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	2	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			
QN57: Percenta 12 months befor	age of students who re the survey)	were offered, sold,	or given an illegal d	rug on school prop	erty (during the			
30.9	30.7	28.3	28.2	28.6	26.1	No linear change	No quadratic change	No change

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		Health Risk Behav	ior and Percentag	es		Linear 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	ercourse		÷	· · ·		
44.8	44.2	42.4	37.7	32.3	32.3	Decreased, 2009-2019	No quadratic change	No change
QN59: Percenta	ge of students who	had sexual intercou	rse for the first time	e before age 13 year	-S			
2.9	3.1	4.2	2.8	1.1	1.3	Decreased, 2009-2019	No quadratic change	No change
QN60: Percenta	ge of students who	had sexual intercou	rse with four or mo	re persons during th	neir life			
10.4	11.9	10.3	10.2	6.9	6.9	Decreased, 2009-2019	No quadratic change	No change
	ge of students who as 3 months before	were currently sexu	ally active (had sex	cual intercourse with	h at least one			
Derson, durme u	ie 5 montilis before	ule sulvey)						

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male xual Behaviors		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
15.9	18.8	15.4	25.3	16.4	23.8	No linear change	No quadratic change	No change
QN63: Percenta currently sexual		used a condom duri	ng last sexual inter	course (among stud	lents who were			
49.5	48.6	48.5	51.8	51.3	42.9	No linear change	No quadratic change	No change
	ge of students who who were currently	used birth control pi sexually active)	ills before last sexu	al intercourse (to p	revent pregnancy,			
16.1	25.3	19.6	20.1	19.8	23.8	No linear change	No quadratic change	No change
	xplanon) before last	s who used an IUD sexual intercourse (						
		1.5	5.4	4.0	7.6	Increased, 2013-2019	Not available <sup>§</sup>	No change

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

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		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
birth control rin		nts who used a shot (s g) before last sexual						
	-	7.4	3.5	5.4	4.5	No linear change	Not available <sup>§</sup>	No change
		nts who used birth co						
implant (such as control ring (suc	s Implanon or Nexp ch as NuvaRing) be	nts who used birth co lanon); or a shot (suc fore last sexual interc	h as Depo-Provera	), patch (such as Or	rthoEvra), or birth			
implant (such as	s Implanon or Nexp ch as NuvaRing) be	lanon); or a shot (suc	h as Depo-Provera	), patch (such as Or	rthoEvra), or birth	No linear change	Not available	No change
implant (such as control ring (suc currently sexual QNDUALBC: pills; an IUD (su 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 (suc fore last sexual interc	th as Depo-Provera course (to prevent p 28.9 condom during last such as Implanon o rol ring (such as No	a), patch (such as Or pregnancy, among s 29.2 t sexual intercourse or Nexplanon); or a uvaRing) before las	rthoEvra), or birth tudents who were 35.9 and birth control shot (such as	No linear change	Not available	No change

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

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emale exual Behaviors		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			
		nts who did not use ere currently sexual		ent pregnancy durir	ng last sexual			
			15.3	20.4	18.0	No linear change	No quadratic change	No change

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019	_		
		ho were overweight c reference data fro			ile for body mass			
14.6	12.6	12.0	14.2	16.6	19.0	Increased, 2009-2019	No change, 2009-2013 Increased, 2013-2019	No change
		who had obesity (> a the 2000 CDC gro		or body mass index.	, based on sex-			,
8.6	6.9	7.1	7.0	7.9	8.9	No linear change	No quadratic change	No change
QN67: Percenta	ige of students who	described themselve	es as slightly or ver	y overweight				
	33.8	31.2	35.0	39.6	37.9	No linear change	Decreased, 2009-2013 Increased, 2013-2019	No change
36.6								
	age of students who	were trying to lose	weight					

 $^*$ 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>8</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. <sup>I</sup>Not enough years of data to calculate.

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		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
QN69: Percent days before the		) did not drink fruit j	uice (100% fruit jui	ces one or more tin	nes during the 7			
			28.6	37.1	43.2	Increased, 2015-2019	Not available <sup>§</sup>	Increased
QN70: Percent	age of students who	did not eat fruit (on	e or more times dur	ing the 7 days befo	re the survey)	,		
-			9.4	9.9	11.6	No linear change	Not available	No change
QNFR0: Perce	ntage of students wl	did not eat fruit (on ho did not eat fruit o ays before the surve	9.4 r drink 100% fruit ju	9.9	11.6	No linear change	Not available	No change
QNFR0: Perce	ntage of students wl	ho did not eat fruit o	9.4 r drink 100% fruit ju	9.9	11.6	No linear change No linear change	Not available Not available	No change No change
QNFR0: Perce uice, or grape j QNFR1: Perce	ntage of students which which we have a student of the figure of the figure of students whether the figure of students whether the student of s	ho did not eat fruit o	9.4 r drink 100% fruit ju y) 6.1 100% fruit juices or	9.9 nices (such as oran 6.4 ne or more times pe	11.6 ge juice, apple 7.3			

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

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
		ho ate fruit or drank uice, during the 7 da			er day (such as			
			30.5	24.3	23.2	Decreased, 2015-2019	Not available <sup>§</sup>	No change
	age of students who	did not eat green sa	ad (one or more tir	nes during the 7 da	ys before the			
urvey)			33.0	35.3	41.1	Increased, 2015-2019	Not available	No change
	age of students who	o did not eat potatoes				Increased, 2015-2019	Not available	No change
	age of students who	o did not eat potatoes				Increased, 2015-2019 No linear change	Not available Not available	No change No change
		o did not eat potatoes	(one or more times 38.3	s during the 7 days	before the survey) 42.5			

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

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		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
QN74: Percent survey)	age of students who	did not eat other ve	getables (one or mo	ore times during the	7 days before the	,		
			17.2	16.1	18.0	No linear change	Not available <sup>§</sup>	No change
		who did not eat veg rots, or other vegeta	bles, during the 7 da	sys before the surve	y)			
			6.1	5.0	6.9	No linear change	Not available	No change
ONVEG1: Der		who ate vegetables		er day (green salad, getables, during the				-
	ich fries, fried potat	bes, or potato empsj	, currous, or other ve		,			

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		Health Risk Behav	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
		who ate vegetables t bes, or potato chips],						
			27.6	22.5	21.9	Decreased, 2015-2019	Not available <sup>§</sup>	No change
		who ate vegetables t bes, or potato chips],				Decreased, 2015-2019	Not available	No change
		did not drink a can, et pop, during the 7 d			s Coke, Pepsi, or			

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

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	]	Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
		who drank a can, be counting diet soda or						
22.6	17.6	16.9	16.3	14.7	11.8	Decreased, 2009-2019	No quadratic change	No change
		who drank a can, be counting diet soda or						
						Decreased, 2009-2019	No quadratic change	No change
such as Coke, P	epsi, or Sprite, not o 11.2	counting diet soda or	diet pop, during t	he 7 days before the 8.1	e survey)	Decreased, 2009-2019	No quadratic change	No change
such as Coke, P	epsi, or Sprite, not o 11.2	counting diet soda or 10.4	diet pop, during t	he 7 days before the 8.1	e survey)	Decreased, 2009-2019 Increased, 2017-2019	No quadratic change Not available <sup>§</sup>	No change Increased
Such as Coke, P 16.1 QN76: Percenta QNMILK1: Per drank in a glass	epsi, or Sprite, not o 11.2 ge of students who centage of students	tounting diet soda or 10.4 did not drink milk (c who drank one or m n, or with cereal and	9.3 9uring the 7 days b ore glasses per day	he 7 days before the 8.1 efore the survey) 32.6 7 of milk (counting	e survey) 7.1 44.0 the milk they			

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
drank in a glass		who drank three or on, or with cereal and re the survey)				1		
o one glass, du	ing the 7 days bero			3.2	2.9	No linear change	Not available <sup>§</sup>	No change
_		did not eat breakfas	t (during the 7 days			No linear change	Not available <sup>§</sup>	No change
_			t (during the 7 days 15.5			No linear change Increased, 2013-2019	Not available <sup>§</sup> Not available	
QN77: Percent	age of students who	did not eat breakfast	15.5	before the survey) 17.2	19.4			No change No change

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

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		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			
	activity that increase	were physically acti sed their heart rate a						
	38.8	33.2	40.0	38.1	40.4	No linear change	Not available <sup>§</sup>	No change
east 1 day (in a		nts who did not partia activity that increase e survey) 19.8				No linear change	Not available	No change
	sical activity that in	nts who were physica creased their heart ra						
the 7 days befor	e the survey)							

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

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	]	Health Risk Behavi	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
N79: Percenta	ge of students who	watched television 3	3 or more hours per	day (on an average	e school day)			
34.0	26.6	27.7	26.2	22.1	20.1	Decreased, 2009-2019	No quadratic change	No change
lay (counting ti	ge of students who ne spent on things s gram, Facebook, or o	uch as Xbox, PlayS	tation, an iPad or of	her tablet, a smartp	hone, texting,			
				20 6	43.0	Increased, 2009-2019	Increased, 2009-2013	No change
chool day) 17.0	23.2	36.5	41.5	38.6	45.0	increased, 2009-2019	No change, 2013-2019	No change
chool day) 17.0 2N81: Percenta	23.2 ge of students who were in school)					Increased, 2009-2019		

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male ysical Activity										
	]	Health Risk Behav	ior and Percentag	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>				
2009	2011	2013	2015	2017	2019	2019				
QNDLYPE: Pero week when they w		who attended physi	cal education (PE)	classes on all 5 day	rs (in an average					
24.3	23.2	18.5	21.5	31.9						

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her	Health Risk Behavior and Percentages						Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN89: Percenta before the survey		described their grad	es in school as mos	stly A's or B's (durin	ng the 12 months			
63.1	70.1	73.6	75.1	72.8	73.4	Increased, 2009-2019	Increased, 2009-2013 No change, 2013-2019	No change

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male te-Added		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			
QN90: Percenta	age of students who	most of the time or	always feel safe an	d secure at school				
78.5	80.6	78.0	80.0	78.0	71.4	Decreased, 2009-2019	No change, 2009-2015 Decreased, 2015-2019	No change
QN91: Percenta survey)	age of students who	bullied someone on	school property (d	uring the 12 month	s before the			
				8.6	5.9	Decreased, 2017-2019	Not available <sup>§</sup>	Decreased
						- i - i		
		electronically bullie 1 media, during the			texting,			

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	J	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			
	age of students who ng themselves on pu							
24.4	24.6	27.9	26.4	27.7	25.8	No linear change	No quadratic change	No change
	ige of students who		oni with someone v	who was smoking c	igarettes (on at			
east 1 day durin 48.3 QN95: Percenta	g the 7 days before 45.6 ge of students who	the survey) 42.1	41.0	32.5	28.6	Decreased, 2009-2019	No quadratic change	No change
east 1 day durin 48.3 QN95: Percenta	g the 7 days before 45.6	the survey) 42.1	41.0	32.5	28.6	, 	No quadratic change No quadratic change	No change No change
east 1 day durin 48.3 QN95: Percenta as never allowed 86.9 QN96: Percenta	g the 7 days before 45.6 nge of students who l inside their home	the survey) 42.1 described the rule a 87.3 currently used meth	41.0 bout smoking cigar 91.7 amphetamines (als	32.5 rettes inside the hor 92.6 o called "speed," "o	28.6 ne where they live 93.2	, 		

\*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.

Arizona High School Survey

10-year Trend Analysis Report

nale e-Added		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			
		attended school und e times during the 1			egal drugs (such			
18.3	18.4	16.9	12.8	14.7	19.3	No linear change	No change, 2009-2015 Increased, 2015-2019	No change
		reported their paren to do when it comes		their family talked	with them about			
70.3	72.8	70.1	68.7	66.9	62.9	Decreased, 2009-2019	No quadratic change	No change
		received the most ir lor, or some other a		neir life about sexu	al activity from a			
	14.7	15.9	14.3	12.6	14.2	No linear change	No quadratic change	No change
13.9	14.7							
QN101: Percent	tage of students wh	o saw a doctor or nu nths before the surv		or physical exam w	when they were			

 $^*Based$  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.

Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-201
2009	2011	2013	2015	2017	2019			
		o did not go to scho	ol because they wer	e sick or in pain (at	least one day			
during the 30 da	ays before the surve	y)						
				54.5	57.5	No linear change	Not available <sup>§</sup>	No chang
-				54.5	57.5	No linear change	Not available <sup>§</sup>	No chang
	tage of students wh	o have physical disa	bilities or long-tern			No linear change	Not available <sup>§</sup>	No chang
	tage of students wh	o have physical disa	bilities or long-tern			No linear change	Not available <sup>§</sup>	
	tage of students wh	o have physical disa	bilities or long-tern	health problems (	meaning 6 months			
or more)	tage of students wh	o have physical disa o have long-term en		n health problems ( 16.8	meaning 6 months 14.6			No chang No chang

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

# Arizona High School Survey

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		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN8: Percentag	ge of students who r	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else)			
9.7	10.7	7.7	6.2	5.5	5.4	Decreased, 2009-2019	No quadratic change	No chang
		ode with a driver wl		g alcohol (in a car o	or other vehicle,			
one or more tim	es during the 30 day	ys before the survey	)	16.2	15.1	No linear change	Not available <sup>¶</sup>	No chang
one or more tim QN10: Percenta more times duri	es during the 30 day		) vehicle when they	16.2 had been drinking a	15.1 alcohol (one or	No linear change	Not available <sup>¶</sup>	No chang
One or more tim QN10: Percenta nore times duri	es during the 30 day	ys before the survey	) vehicle when they	16.2 had been drinking a	15.1 alcohol (one or	No linear change Decreased, 2013-2019	Not available¶ Not available	No chang Decrease
QN10: Percenta more times duri- the 30 days befo	es during the 30 day age of students who ng the 30 days befo ore the survey) age of students who	drove a car or other re the survey, among	) y vehicle when they g students who had 10.5	16.2 had been drinking a driven a car or othe 7.1	15.1 Alcohol (one or r vehicle during 3.2			

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

# Arizona High School Survey

10-year Trend Analysis Report

Vhite* njury and Violer	nce							
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
	age of students who ag the 30 days befor	carried a weapon or re the survey)	1 school property (s	uch as a gun, knife	or club, on at			
6.6	5.4	4.6	4.6	3.7	4.6	No linear change	No quadratic change	No change
		carried a gun (not c shooting, on at leas				No linear change	Not available <sup>¶</sup>	No change
		did not go to school g the 30 days before		insafe at school or o	on their way to or			
5.6	3.9	7.1	4.5	7.8	12.0	Increased, 2009-2019	No change, 2009-2015 Increased, 2015-2019	No change

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

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behav	ior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		were threatened or in es during the 12 mor			rty (such as a			
8.3	8.3	9.2	6.3	7.3	5.9	No linear change	No quadratic change	No change
		ware in a physical fi	abt (one or more ti	mes during the 12	months hafara tha	· · ·		
	age of students who 24.2	20.5	19.8	20.4	25.1	Decreased, 2009-2019	Decreased, 2009-2015 Increased, 2015-2019	No change
survey) 32.6	24.2		19.8	20.4	25.1		,	No change
Survey) 32.6 QN19: Percenta	24.2	20.5	19.8	20.4	25.1		,	No change No change
survey) 32.6 QN19: Percenta want to) 11.1	24.2 age of students who 8.9	20.5 were ever physically	19.8 forced to have set 8.0	20.4 xual intercourse (wh	25.1 hen they did not 8.4	Decreased, 2009-2019	Increased, 2015-2019	

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

Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		were electronically l l media, ever during			n texting,			
				17.0	15.4	No linear change	Not available <sup>¶</sup>	No change
		felt sad or hopeless ( ever during the 12 r			row so that they			
					row so that they 38.5	Increased, 2009-2019	No quadratic change	No chang
30.7 30.7 20026: Percenta	me usual activities, 31.9	ever during the 12 r	31.1	35.3	38.5	Increased, 2009-2019	No quadratic change	No chang
30.7 30.7 20026: Percenta	me usual activities, 31.9	ever during the 12 r 37.7	31.1	35.3	38.5	Increased, 2009-2019 No linear change	No quadratic change No quadratic change	No chang No chang
30.7 30.7 QN26: Percenta he survey) 18.3	me usual activities, 31.9 ge of students who 16.7 ge of students who	ever during the 12 r 37.7 seriously considered	31.1 attempting suicide 17.0	35.3 e (ever during the 1 18.4	38.5 2 months before 22.0			

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

# **Arizona High School Survey**

10-year Trend Analysis Report

change No quadratic change No change

Arizona High School Survey

10-year Trend Analysis Report

'hite* obacco Use								
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	<b>Change from 2017-2019</b> §
2009	2011	2013	2015	2017	2019			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
								No chang
47.6 QN31: Percenta	45.7 ge of students who	42.5	36.2 smoking before age		_	Decreased, 2009-2019	No quadratic change	
QN31: Percenta	ge of students who		smoking before age	13 years (even one 5.6	or two puffs) 6.6	No linear change	No quadratic change	No chang
QN31: Percenta QN32: Percenta	ge of students who	first tried cigarette	smoking before age	13 years (even one 5.6	or two puffs) 6.6	No linear change		
QN31: Percenta QN32: Percenta survey) 18.3	ge of students who ge of students who 19.0 rentage of students	first tried cigarette	smoking before age igarettes (on at least 10.6	13 years (even one 5.6 t 1 day during the 30 7.4	or two puffs) 6.6 0 days before the 6.9	No linear change	Not available <sup>¶</sup>	No chang

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

Arizona High School Survey

10-year Trend Analysis Report

obacco Use		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QNDAYCIG: Pe pefore the survey		ts who currently sm	oked cigarettes dail	ly (on all 30 days d	uring the 30 days			
5.5	4.5	4.7	1.9	1.0	0.5	Decreased, 2009-2019	No quadratic change	No change
	es, vaping pens, e-	ever used an electro hookahs, and hooka				No linear change	Not available <sup>¶</sup>	No change

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

Arizona High School Survey

10-year Trend Analysis Report

Vhite* 'obacco Use								
		Health Risk Beha	vior and Percentag	zes		Linear Change $^{\dagger}$	Quadratic Change $^{\dagger}$	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
	ercentage of student 30 days before the	s who currently used	electronic vapor pr	oducts frequently (	on 20 or more			
days during the	50 days before the	survey)	4.3	7.9	12.5	Increased, 2015-2019	Not available <sup>¶</sup>	No change
					11.00.1 1 1			
	Percentage of stude	nts who currently us	ed electronic vapor	products daily (on a	all 30 days during			
		nts who currently us	ed electronic vapor 2.4	5.8	all 30 days during 9.7	Increased, 2015-2019	Not available	No change
the 30 days before the 30 days before the 30 days before the second seco	ore the survey)	ho currently smoked	2.4	5.8	9.7	Increased, 2015-2019	Not available	No change

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

Arizona High School Survey

10-year Trend Analysis Report

'hite* obacco Use		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		currently used smok as Copenhagen, Griz		wing tobacco, snuff el Snus], not counti				
		ring the 30 days befo						
				5.0	2.7	No linear change	Not available <sup>¶</sup>	No change
vapor products, o QN38: Percenta	on at least 1 day du	ring the 30 days before the second seco	ore the survey)		2.7	No linear change	Not available <sup>¶</sup>	No change
vapor products, o QN38: Percenta	on at least 1 day du	ring the 30 days before the second seco	ore the survey)		2.7	No linear change Decreased, 2009-2019	Not available <sup>¶</sup> No quadratic change	No change No change
20038: Percenta Juring the 30 day 17.5	on at least 1 day du age of students who ys before the surve 16.9	ring the 30 days before currently smoked ci	ore the survey) igars (cigars, cigaril 11.1	llos, or little cigars, 7.2	2.7 on at least 1 day 5.4	_		

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

Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
ON39. Percent		tried to quit using a		(including cigarette s, ever during the 1				
smokeless toba		ed any tobacco produ						

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
22.0	18.2	16.8	13.4	14.6	12.7	Decreased, 2009-2019	No quadratic change	No change
	ge of students who ys before the survey	currently drank alco	bhol (at least one dr	ink of alcohol, on a	t least 1 day			
45.0	44.2	35.7	41.7	35.0	29.2	Decreased, 2009-2019	No quadratic change	No change
for female stude		currently were bing drinks of alcohol in e the survey)						
				20.0	16.9	No linear change	Not available <sup>¶</sup>	No chang

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

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		usually got the alcol tudents who currentl		omeone giving it to	them (during the			
		37.4	42.1	44.8	40.1	No linear change	Not available <sup>¶</sup>	No change
QN46: Percenta	ige of students who	tried marijuana for t	he first time before	e age 13 years				
9.9	7.6	7.9	6.5	3.7	5.5	Decreased, 2009-2019	No quadratic change	No change
QN47: Percenta survey)	age of students who	currently used marij	uana (one or more	times during the 30	days before the			
23.3	22.9	22.2	21.8	18.2	25.6	No linear change	No quadratic change	No change
differently than	how a doctor told the	ever took prescription nem to use it (countin more times during th	ng drugs such as co					
				15.3	14.2	No linear change	Not available	No chang

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

# Arizona High School Survey

10-year Trend Analysis Report

lcohol and Othe	er Drug Use	Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
	ge of students who more times during	ever used cocaine ( their life)	any form of cocaine	e, including powder	, crack, or			
8.7	9.4	9.4	7.9	3.8	3.6	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
QN52: Percenta more times durit		ever used heroin (a	lso called "smack,"	"junk," or "China V	Vhite," one or			
2.6	3.3	3.9	2.4	1.3	0.7	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
QN53: Percenta "ice," or "meth,"	ge of students who one or more times	ever used methamp during their life)	hetamines (also cal	led "speed," "crysta	l meth," "crank,"			
5.0	5.2	4.5	2.6	1.1	2.0	Decreased, 2009-2019	No quadratic change	No change
QN55: Percenta more times duri		ever took steroids v	vithout a doctor's pr	rescription (pills or	shots, one or			
4.1	4.5	4.3	4.4	3.0	3.5	No linear change	No quadratic change	No chang

\*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.

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN57: Percenta 12 months befor		were offered, sold,	or given an illegal c	lrug on school prop	erty (during the			
32.2	31.2	28.5	27.5	27.2	26.0	Decreased, 2009-2019	No quadratic change	No change

**Arizona High School Survey** 

10-year Trend Analysis Report

/hite* exual Behaviors								
		Health Risk Beha	vior and Percenta	ges		Linear Change $^{\dagger}$	Quadratic Change $^{\dagger}$	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN58: Percenta	ge of students who	ever had sexual inte	ercourse		÷			
43.6	46.3	42.1	37.7	32.8	33.1	Decreased, 2009-2019	No quadratic change	No chang
QN59: Percenta	ge of students who	had sexual intercou	rse for the first time	e before age 13 year	'S			
4.2	3.5	4.3	1.7	1.9	1.5	Decreased, 2009-2019	No quadratic change	No chang
QN60: Percenta	ge of students who	had sexual intercou	rse with four or mo	re persons during th	neir life			
11 4	13.6	10.6	10.0	7.8	7.5	Decreased, 2009-2019	No quadratic change	No chang
11.4								
QN61: Percenta	ge of students who the 3 months before t		ally active (had sex	kual intercourse with	n at least one			

\*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.

# Arizona High School Survey

10-year Trend Analysis Report

Vhite* exual Behaviors	:							
		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
	age of students who ntly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
26.5	24.4	22.5	26.6	19.4	22.9	No linear change	No quadratic change	No change
QN63: Percenta currently sexual		used a condom duri	ng last sexual interc	course (among stud	ents who were			
60.4	62.2	55.8	51.8	51.7	46.3	Decreased, 2009-2019	No quadratic change	No change
	age of students who who were currently	used birth control pi sexually active)	ills before last sexu	al intercourse (to p	revent pregnancy	,		
24.6	35.0	23.6	31.7	27.4	36.0	No linear change	No quadratic change	No change
		s who used an IUD sexual intercourse (						

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

Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
oirth control rin		ents who used a shot ( ng) before last sexual						
		5.0	2.8	2.4	6.7	No linear change	Not available <sup>¶</sup>	No change
ONOTHHPL: 1	Percentage of stude	ents who used birth co	ntrol pills: an IUD	(such as Mirena or	ParaGard) or			
mplant (such as	s Implanon or Nex <sub>1</sub> ch as NuvaRing) be	ents who used birth co blanon); or a shot (suc efore last sexual interc 30.9	h as Depo-Provera	), patch (such as Or	thoEvra), or birth	Increased, 2013-2019	Not available	Increased
mplant (such as control ring (suc currently sexual QNDUALBC: bills; an IUD (su Depo-Provera),	s Implanon or Nexp ch as NuvaRing) be lly active) Percentage of stud- uch as Mirena or Pa patch (such as Ortl	blanon); or a shot (suc offore last sexual interc	th as Depo-Provera course (to prevent p 38.9 condom during last such as Implanon o rol ring (such as Na	a), patch (such as Or pregnancy, among s 33.6 t sexual intercourse or Nexplanon); or a uvaRing) before las	thoEvra), or birth tudents who were 50.1 and birth control shot (such as	Increased, 2013-2019	Not available	Increased

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

# Arizona High School Survey

10-year Trend Analysis Report

Vhite* exual Behaviors		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	<b>Change from</b> 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		nts who did not use ere currently sexual		ent pregnancy duri	ng last sexual			

# **Arizona High School Survey**

10-year Trend Analysis Report

		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			
	entage of students w sex- and age-specifi				ile for body mass			
11.2	10.7	9.1	12.0	13.5	14.4	Increased, 2009-2019	No quadratic change	No chang
QNOBESE: Per	rcentage of students			or body mass index,	based on sex-			
and age-specific	reference data from	The 2000 CDC gio						
and age-specific 8.6	8.2	5.9	9.0	7.3	8.4	No linear change	No quadratic change	No chang
8.6		5.9			8.4	No linear change	No quadratic change	No chang
	8.2	5.9			8.4	No linear change	No quadratic change No quadratic change	No chang No chang
8.6 QN67: Percenta 25.6	8.2 age of students who	5.9 described themselve 21.5	es as slightly or ver 28.2	y overweight				

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>1</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.

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		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN69: Percent days before the		) did not drink fruit j	uice (100% fruit jui	ces one or more tin	nes during the 7			
			28.4	35.2	41.2	Increased, 2015-2019	Not available <sup>¶</sup>	No change
QN70: Percent	age of students who	o did not eat fruit (on	e or more times dur	ing the 7 days befo	re the survey)			
		) did not eat fruit (on	9.5	13.0	11.2	No linear change	Not available	No change
QNFR0: Perce	ntage of students wi		9.5 r drink 100% fruit jı y)	13.0 uices (such as orang	11.2 ge juice, apple			
QNFR0: Perce	ntage of students wi	ho did not eat fruit o	9.5 r drink 100% fruit ji	13.0	11.2	No linear change No linear change	Not available Not available	No chango No chango
QNFR0: Perce uice, or grape j QNFR1: Perce	ntage of students where the student of students where the student of stu	ho did not eat fruit o	9.5 r drink 100% fruit ju y) 5.4 100% fruit juices of	13.0 uices (such as oran; 8.4 me or more times pe	11.2 ge juice, apple 5.3			

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

# Arizona High School Survey

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		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		ho ate fruit or drank uice, during the 7 da			er day (such as			
			30.3	22.8	24.4	Decreased, 2015-2019	Not available <sup>¶</sup>	No change
QN71: Percent survey)	age of students who	did not eat green sal	lad (one or more tin	nes during the 7 da	ys before the			
	age of students who	o did not eat green sal	lad (one or more tin 31.7	nes during the 7 da 36.2	ys before the 35.9	No linear change	Not available	No chang
survey)		o did not eat green sal	31.7	36.2	35.9	No linear change	Not available	No change
survey)			31.7	36.2	35.9	No linear change No linear change	Not available Not available	No change
QN72: Percent	age of students who		31.7 (one or more times 33.5	36.2 during the 7 days 31.2	35.9 Defore the survey) 38.9			

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

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN74: Percen survey)	tage of students who	did not eat other ve	getables (one or mo	re times during the	7 days before the			
			14.5	17.3	15.3	No linear change	Not available <sup>¶</sup>	No change
	rcentage of students or potato chips], car							
			4.3	5.9	5.1	No linear change	Not available	No change
	rcentage of students							
	nch fries, fried potat	bes, or potato emps	,	0 , 0				

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

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		who ate vegetables t bes, or potato chips]						
			28.3	22.2	25.4	No linear change	Not available <sup>¶</sup>	No change
excluding Fren		who ate vegetables t bes, or potato chips]				No linear change	Not available	No change
excluding Frenche survey) QN75: Percenta	ch fries, fried potato		carrots, or other ve 14.2 bottle, or glass of s	getables, during the 12.2 oda or pop (such as	27 days before 13.0	No linear change	Not available	No change

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

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		who drank a can, be counting diet soda or						
28.8	24.2	18.7	19.0	19.3	13.2	Decreased, 2009-2019	No quadratic change	Decreased
		who drank a can, bo						
		who drank a can, be counting diet soda or 10.4				Decreased, 2009-2019	No quadratic change	No chang
such as Coke, P 20.7	epsi, or Sprite, not o 17.0	counting diet soda or	diet pop, during t	he 7 days before the 10.4	e survey)	Decreased, 2009-2019	No quadratic change	No chang
such as Coke, P 20.7	epsi, or Sprite, not o 17.0	counting diet soda or 10.4	diet pop, during t	he 7 days before the 10.4	e survey)	Decreased, 2009-2019 Increased, 2017-2019	No quadratic change Not available <sup>¶</sup>	No chang Increased
20.7 20.7 2N76: Percenta 2NMILK1: Per drank in a glass of	epsi, or Sprite, not o 17.0 ge of students who centage of students	tounting diet soda or 10.4 did not drink milk (o who drank one or m n, or with cereal and	9.6 9.7 during the 7 days b ore glasses per day	he 7 days before the 10.4 efore the survey) 23.8 y of milk (counting	r.2 33.8 the milk they	Increased, 2017-2019		

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

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019	_		
drank in a glass		who drank three or on, or with cereal and ore the survey)						
to one glass, du	ing the <i>i</i> days bero							
to one glass, di	ining the 7 days bero			8.4	5.5	No linear change	Not available <sup>¶</sup>	No change
-		o did not eat breakfas	t (during the 7 days			No linear change	Not available <sup>¶</sup>	No change
-			t (during the 7 days 13.4			No linear change	Not available¶ Not available	No change No change
QN77: Percent	tage of students who	o did not eat breakfas	13.4	before the survey) 16.2	16.2			

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

# Arizona High School Survey

10-year Trend Analysis Report

			ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 §
2011	2013	2015	2017	2019			
49.6	41.6	47.1	49.9	51.9	No linear change	Not available <sup>¶</sup>	No change
y kind of physical	activity that increase						
13.2	18.3	13.9	11.7	15.3	No linear change	Not available	No change
cal activity that ind the survey)	creased their heart ra	ate and made them			No linear change		No change
	e of students who ctivity that increas survey) 49.6 rcentage of studen / kind of physical a e 7 days before the 13.2 rcentage of studen cal activity that inc	e of students who were physically acticities that increased their heart rate as survey) 49.6 41.6 rcentage of students who did not particly kind of physical activity that increased e 7 days before the survey) 13.2 18.3 rcentage of students who were physical activity that increased their heart rate and the survey)	e of students who were physically active at least 60 minu ctivity that increased their heart rate and made them breat survey) 49.6 41.6 47.1 rcentage of students who did not participate in at least 60 v kind of physical activity that increased their heart rate at e 7 days before the survey) 13.2 18.3 13.9 rcentage of students who were physically active at least 6 cal activity that increased their heart rate and made them 1 the survey)	e of students who were physically active at least 60 minutes per day on 5 or 5 ctivity that increased their heart rate and made them breathe hard some of the survey) 49.6 41.6 47.1 49.9 rcentage of students who did not participate in at least 60 minutes of physical v kind of physical activity that increased their heart rate and made them breat e 7 days before the survey) 13.2 18.3 13.9 11.7 rcentage of students who were physically active at least 60 minutes per day of cal activity that increased their heart rate and made them breat e 7 days before the survey)	e of students who were physically active at least 60 minutes per day on 5 or more days (in any ctivity that increased their heart rate and made them breathe hard some of the time during the survey)         49.6       41.6       47.1       49.9       51.9         rcentage of students who did not participate in at least 60 minutes of physical activity on at v kind of physical activity that increased their heart rate and made them breathe hard some of e 7 days before the survey)       13.2       18.3       13.9       11.7       15.3         rcentage of students who were physically active at least 60 minutes per day on all 7 days (in cal activity that increased their heart rate and made them breathe hard some of the time during the survey)       13.2       18.3       13.9       11.7       15.3	e of students who were physically active at least 60 minutes per day on 5 or more days (in any ctivity that increased their heart rate and made them breathe hard some of the time during the survey)       49.6       41.6       47.1       49.9       51.9       No linear change         rcentage of students who did not participate in at least 60 minutes of physical activity on at v kind of physical activity that increased their heart rate and made them breathe hard some of e 7 days before the survey)       13.2       18.3       13.9       11.7       15.3       No linear change         rcentage of students who were physically active at least 60 minutes per day on all 7 days (in cal activity that increased their heart rate and made them breathe hard some of the survey)       13.2       18.3       13.9       11.7       15.3       No linear change	e of students who were physically active at least 60 minutes per day on 5 or more days (in any ctivity that increased their heart rate and made them breathe hard some of the time during the survey) 49.6 41.6 47.1 49.9 51.9 No linear change Not available <sup>¶</sup> rcentage of students who did not participate in at least 60 minutes of physical activity on at $\sqrt{kind}$ of physical activity that increased their heart rate and made them breathe hard some of e 7 days before the survey) 13.2 18.3 13.9 11.7 15.3 No linear change Not available rcentage of students who were physically active at least 60 minutes per day on all 7 days (in cal activity that increased their heart rate and made them breathe hard some of the time during the survey)

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

**Arizona High School Survey** 

10-year Trend Analysis Report

hysical Activity		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN79: Percenta	age of students who	watched television	3 or more hours per	day (on an average	e school day)			
26.6	23.9	21.1	20.2	18.5	18.3	Decreased, 2009-2019	No quadratic change	No change
day (counting tir YouTube, Instag school day)	age of students who me spent on things s gram, Facebook, or o	uch as Xbox, PlayS other social media, f	tation, an iPad or o for something that v	ther tablet, a smart vas not school worl	bhone, texting, k, on an average			
day (counting tir	me spent on things s	uch as Xbox, PlayS	tation, an iPad or o	ther tablet, a smart	phone, texting,	Increased, 2009-2019	No quadratic change	No change
day (counting tin YouTube, Instag school day) 22.4 QN81: Percenta	me spent on things s gram, Facebook, or o	uch as Xbox, PlayS other social media, f 36.6	tation, an iPad or o for something that w 37.0	ther tablet, a smart was not school worl 37.9	ohone, texting, k, on an average 46.0	Increased, 2009-2019	No quadratic change	No change

\*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.

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Beha	vior and Percenta	ges		Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QNDLYPE: Per	rcentage of students were in school)	who attended physi	ical education (PE)	classes on all 5 day	vs (in an average			
QNDLYPE: Per		who attended physi 21.6	ical education (PE) 27.6	classes on all 5 day 34.6	vs (in an average 28.4	No linear change	No quadratic change	No change
QNDLYPE: Per week when they 33.6 QN82: Percenta	were in school)	21.6 played on at least of	27.6 ne sports team (cou	34.6	28.4	No linear change	No quadratic change	No change

Arizona High School Survey

10-year Trend Analysis Report

ther		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN89: Percenta before the surve	ige of students who y)	described their grad	es in school as mos	tly A's or B's (durin	ng the 12 months			
66.6	76.1	73.6	77.4	77.1	77.2	Increased, 2009-2019	No quadratic change	No change

Arizona High School Survey

10-year Trend Analysis Report

Vhite* ite-Added		Health Risk Behav	vior and Percenta	ges		Linear Change $^{\dagger}$	Quadratic Change $^{\dagger}$	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
QN90: Percentag	ge of students who	most of the time or	always feel safe an	d secure at school				
83.5	82.3	81.8	82.3	84.1	79.3	No linear change	No quadratic change	No change
QN91: Percenta survey)	ge of students who	bullied someone on	school property (d	uring the 12 month	s before the 7.2	No linear change	Not available <sup>¶</sup>	No change
		electronically bullie media, during the 1			texting,			
				6.8	6.7	No linear change	Not available	No change

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

# Arizona High School Survey

10-year Trend Analysis Report

e-Added		Health Risk Beha	vior and Percentag	ges		Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		did something to pu rpose one or more ti						
19.5	18.4	24.9	18.2	17.8	25.6	No linear change	No quadratic change	Increased
	ge of students who g the 7 days before 51.3	were in the same roo the survey) 44.8	om with someone v 40.7	vho was smoking ci 35.4	igarettes (on at 32.4	Decreased, 2009-2019	No quadratic change	No chang
	nge of students who l inside their home	described the rule al	oout smoking cigar	ettes inside the hon	ne where they live			
			90.9	93.8	91.3	Increased, 2009-2019	No quadratic change	No change
	87.3	88.4	90.9	75.0	71.5	,	1	
s never allowed 86.0 2006: Percenta	87.3	88.4 currently used meth ore times during the	amphetamines (also	o called "speed," "c		, 		

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

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
		attended school und e times during the 12			egal drugs (such			
18.7	19.8	18.9	13.1	13.1	18.5	No linear change	No quadratic change	No change
		reported their parent o do when it comes 70.3		70.4	61.2	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	Decrease
QN99: Percenta		received the most in lor, or some other ac		heir life about sexu	al activity from a			
QN99: Percenta				heir life about sexu 9.6	al activity from a 13.0	No linear change	No quadratic change	No chang
2N99: Percenta lealth teacher, s 11.8 2N101: Percent	chool nurse, counse 14.9 tage of students who	lor, or some other ac	lult at school 14.0 rse (for a check-up	9.6	13.0	No linear change	No quadratic change	No chang

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

Arizona High School Survey

10-year Trend Analysis Report

White* Site-Added								
		Health Risk Beha	avior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2017-2019 <sup>§</sup>
2009	2011	2013	2015	2017	2019			
	ntage of students wh ays before the surve		ool because they we	e sick or in pain (at	least one day			
during the 50 da	ays before the surve	y)		49.9	55.4	Increased, 2017-2019	Not available <sup>¶</sup>	Increased
	ntage of students wh	no have physical disa	abilities or long-tern	n health problems (1	meaning 6 months	s		
or more)				15.8	13.5	No linear change	Not available	No change
QN104: Percer months or more		no have long-term er	notional problems o	r learning disabiliti	es (meaning 6			
				19.5	24.6	No linear change	Not available	No change

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

Arizona High School Survey

10-year Trend Analysis Report

		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			
QN8: Percentag	e of students who i	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else)			
18.0	17.6	12.3	10.0	10.2	11.0	Decreased, 2009-2019	No quadratic change	No change
		ode with a driver why before the survey		g alcohol (in a car	or other vehicle,			
				g alcohol (in a car 22.8	or other vehicle, 20.8	No linear change	Not available <sup>§</sup>	No change
One or more time QN10: Percenta	es during the 30 day	ys before the survey)	vehicle when they	22.8 had been drinking	20.8 alcohol (one or	No linear change	Not available <sup>§</sup>	No change
One or more time QN10: Percenta nore times durin	es during the 30 day ge of students who ng the 30 days befo	ys before the survey)	vehicle when they	22.8 had been drinking	20.8 alcohol (one or	No linear change	Not available <sup>§</sup>	No change
ON10: Percenta	es during the 30 day ge of students who ng the 30 days befo	ys before the survey)	vehicle when they	22.8 had been drinking	20.8 alcohol (one or	No linear change No linear change	Not available <sup>§</sup> Not available	No change No change
QN10: Percenta nore times durin he 30 days befo	ge of students who gg the 30 days befor re the survey) ge of students who	ys before the survey) drove a car or other re the survey, among	vehicle when they g students who had 8.9	22.8 had been drinking driven a car or othe 7.7	20.8 alcohol (one or rr vehicle during 7.9			

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

# Arizona High School Survey

10-year Trend Analysis Report

spanic jury and Violenc		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			
	ge of students who g the 30 days befor	carried a weapon or e the survey)	n school property (s	such as a gun, knife	, or club, on at	i - i		
5.3	5.0	4.2	4.5	3.2	2.7	Decreased, 2009-2019	No quadratic change	No change
hunting or for a s QN15: Percenta	port such as target	carried a gun (not c shooting, on at leas did not go to school	t 1 day during the 1	2 months before th 8.0	e survey) 7.8	No linear change	Not available <sup>§</sup>	No change
8.6	at least 1 day durin 8.6	g the 30 days before 8.1	7.3	12.9	16.8	Increased, 2009-2019	No change, 2009-2015 Increased, 2015-2019	No change

# Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		were threatened or it es during the 12 mor			rty (such as a			
8.9	11.0	7.1	7.3	7.7	6.9	Decreased, 2009-2019	No quadratic change	No change
QN17: Percenta survey)	age of students who	were in a physical fi	ght (one or more ti	mes during the 12	months before the			
		22.9	25.2	21.5	21.9	Decreased, 2009-2019	Decreased, 2009-2013	Na shanas
37.6	30.9	23.8	23.2	21.5	21.)	Decreased, 2007 2017	No change, 2013-2019	No change
QN19: Percenta		23.8 were ever physically					,	No change
N19: Percenta						No linear change	,	No change
QN19: Percenta want to) 11.3	nge of students who 9.2	were ever physically	7 forced to have sex	kual intercourse (w. 8.9	hen they did not 9.5	, 	No change, 2013-2019	

 $^*Based$  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.

Arizona High School Survey

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		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		were electronically l l media, ever during			h texting,			
				13.7	11.8	No linear change	Not available <sup>§</sup>	No change
		felt sad or hopeless			row so that they			
		felt sad or hopeless ever during the 12 n 32.4			row so that they 42.9	Increased, 2009-2019	Decreased, 2009-2013 Increased, 2013-2019	No change
39.1 2N26: Percenta	ome usual activities 34.6	, ever during the 12 1	39.7	40.2	42.9	Increased, 2009-2019	,	No change
39.1 2002 39.1	ome usual activities 34.6	, ever during the 12 1 32.4	39.7	40.2	42.9	Increased, 2009-2019 Increased, 2009-2019	,	No change No change
39.1 39.2 2N26: Percenta he survey) 16.3	age of students who 17.9	, ever during the 12 1 32.4 seriously considered	39.7 1 attempting suicide 21.1	40.2 40.2 e (ever during the 1 18.9	42.9 2 months before 19.8	· · · · · · · · · · · · · · · · · · ·	Increased, 2013-2019	

 $^*$ 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.

# Arizona High School Survey

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	]	Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup> Quadratic Change <sup>*</sup> C			
2009	2011	2013	2015	2017	2019				
2N28: Percentage urvey)	e of students who	attempted suicide (c	one or more times d	uring the 12 month	s before the				
10.1	11.3	10.3	10.8	13.3	10.4	No linear change	No quadratic change	No change	

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

Arizona High School Survey

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	:	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			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
57.7	47.8	47.2	36.8	33.0	23.5	Decreased, 2009-2019	No quadratic change	Decreased
QN31: Percenta	ge of students who	first tried cigarette	smoking before age	13 years (even one 10.5	or two puffs) 8.1	No linear change	Not available <sup>§</sup>	No change
-	ge of students who			10.5	8.1	No linear change	Not available <sup>§</sup>	No change
QN32: Percenta				10.5	8.1	No linear change Decreased, 2009-2019	Not available <sup>§</sup> No quadratic change	No change No change
QN32: Percenta survey) 18.7	ge of students who 14.9 centage of students	currently smoked ci 14.1	igarettes (on at leas 9.3	10.5 t 1 day during the 30 7.3	8.1 0 days before the 4.5			

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

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1							
	2013	2015	2017	2019			
of students v	who currently sm	oked cigarettes dail	y (on all 30 days d	uring the 30 days			
2.3	2.4	1.6	1.5	0.3	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
g pens, e-hoo							
		55.8	53.6	51.3	No linear change	Not available <sup>§</sup>	No change
	2.3 lents who eve g pens, e-hoo b]) lents who cur g pens, e-hoo	2.3 2.4 lents who ever used an electro g pens, e-hookahs, and hookah b]) lents who currently used an ele g pens, e-hookahs, and hookah	2.3 2.4 1.6 lents who ever used an electronic vapor product ( g pens, e-hookahs, and hookah pens [such as blu, b]) 55.8 lents who currently used an electronic vapor prod g pens, e-hookahs, and hookah pens [such as blu,	2.3 2.4 1.6 1.5 lents who ever used an electronic vapor product (including e-cigarett g pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, Marl b]) 55.8 53.6 lents who currently used an electronic vapor product (including e-cig	lents who ever used an electronic vapor product (including e-cigarettes, e-cigars, g pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, b]) 55.8 53.6 51.3 lents who currently used an electronic vapor product (including e-cigarettes, e-cigars, g pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic,	2.3       2.4       1.6       1.5       0.3       Decreased, 2009-2019         lents who ever used an electronic vapor product (including e-cigarettes, e-cigars, g pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, b])       55.8       53.6       51.3       No linear change         lents who currently used an electronic vapor product (including e-cigarettes, e-cigars, g pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic,       state       state	2.3       2.4       1.6       1.5       0.3       Decreased, 2009-2019       No change, 2009-2013         Lents who ever used an electronic vapor product (including e-cigarettes, e-cigars, g pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, b])       55.8       53.6       51.3       No linear change       Not available <sup>§</sup> Lents who currently used an electronic vapor product (including e-cigarettes, e-cigars, g pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, section of the section

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

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10-year Trend Analysis Report

ispanic obacco 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			
	rcentage of students 30 days before the	s who currently used survey)	electronic vapor pr	oducts frequently (	on 20 or more			
			2.8	3.6	4.5	Increased, 2015-2019	Not available <sup>§</sup>	No change
QNDAYEVP: the 30 days befo		nts who currently us	ed electronic vapor	products daily (on	all 30 days during	g		
			1.1	2.1	2.9	Increased, 2015-2019	Not available	No change
	ntage of students w 30 days before the	ho currently smoked survey)	cigarettes or used e	electronic vapor pro	ducts (on at leas	t		
			29.4	16.5	17.9	Decreased, 2015-2019	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. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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		Health Risk Behavior and Percentages				Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
dissolvable toba	age of students who acco products [such	currently used smok as Copenhagen, Griz						
apor products,		ring the 30 days befo		ior bridsj, not count	ing any electronic			
vapor products,				4.3	1.6	Decreased, 2017-2019	Not available <sup>§</sup>	Decreased
QN38: Percenta	on at least 1 day du	ring the 30 days before the second seco	ore the survey)	4.3	1.6	Decreased, 2017-2019	Not available <sup>§</sup>	Decreased
QN38: Percenta	on at least 1 day du	ring the 30 days before the second seco	ore the survey)	4.3	1.6	Decreased, 2017-2019 Decreased, 2009-2019	Not available <sup>§</sup> No quadratic change	
QN38: Percenta during the 30 da 17.2	on at least 1 day du age of students who iys before the surve 13.7 ntage of students wh	ring the 30 days before currently smoked city)	ore the survey) igars (cigars, cigaril 7.7	4.3 llos, or little cigars, 5.3	1.6 on at least 1 day 4.0			Decreased No change

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

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Hispanic Tobacco Use		Health Risk Behav	vior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019	_		
smokeless toba	tage of students who cco, shisha or hooka ong students who use	h tobacco, and elec	tronic vapor product	ts, ever during the 1	2 months before			
				38.7	46.1	No linear change	Not available <sup>§</sup>	No change

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
28.9	24.3	20.9	20.0	21.4	21.1	Decreased, 2009-2019	Decreased, 2009-2013 No change, 2013-2019	No change
	ge of students who ys before the survey	currently drank alco	hol (at least one dr	ink of alcohol, on a	t least 1 day			
46.2	45.4	37.0	30.9	35.2	27.3	Decreased, 2009-2019	No quadratic change	Decreased
for female stude		currently were bing drinks of alcohol in a e the survey)						
				19.4	14.3	Decreased, 2017-2019	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. <sup>\*</sup>Based on t-test analysis, p < 0.05.

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019 <sup>†</sup>
2009	2011	2013	2015	2017	2019			
		usually got the alcol udents who currentl		them (during the				
		36.2	49.0	35.3	38.3	No linear change	Not available <sup>§</sup>	No change
QN46: Percenta	ge of students who	tried marijuana for t	he first time before	age 13 years				
10.7	14.4	11.8	12.0	10.5	10.3	No linear change	No quadratic change	No change
QN47: Percenta survey)	ge of students who	currently used marij	uana (one or more	times during the 30	) days before the			
22.2	22.5	22.8	23.9	21.0	27.7	No linear change	No quadratic change	Increased
differently than h	now a doctor told th	ever took prescriptio lem to use it (countin more times during th	ng drugs such as co					
				15.6	19.8	Increased, 2017-2019	Not available	Increased

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

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		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			
	ge of students who more times during	ever used cocaine (a their life)	any form of cocaine	e, including powder	, crack, or			
14.9	12.3	11.2	10.5	8.0	6.8	Decreased, 2009-2019	No quadratic change	No change
QN52: Percenta more times duri		ever used heroin (al	so called "smack,"	"junk," or "China V	White," one or			
3.6	3.5	5.3	3.4	2.8	2.7	No linear change	No quadratic change	No change
	ge of students who one or more times	ever used methamp during their life)	hetamines (also cal	led "speed," "crysta	l meth," "crank,"			
ice, or mean,		4.6	4.6	3.7	2.4	Decreased, 2009-2019	No quadratic change	No change
5.9	4.5							
5.9	ge of students who	ever took steroids w	rithout a doctor's pr	escription (pills or	shots, one or			

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panic ohol and Other	-	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			
QN57: Percenta		were offered, sold,	or given an illegal d	lrug on school prop	erty (during the			
2 months before	e ule sulvey)							

Arizona High School Survey

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spanic xual Behaviors								
		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			
QN58: Percenta	ge of students who	ever had sexual inte	ercourse	· · ·				
53.3	50.9	48.0	42.1	37.5	36.6	Decreased, 2009-2019	No quadratic change	No change
QN59: Percenta	ge of students who	had sexual intercou	rse for the first time	e before age 13 year	rs			
6.6	7.4	5.5	4.2	3.9	2.7	Decreased, 2009-2019	No quadratic change	No change
QN60: Percenta	ge of students who	had sexual intercou	rse with four or mo	re persons during th	neir life	· · ·		_
16.8	15.7	11.5	10.8	8.7	9.1	Decreased, 2009-2019	No quadratic change	No change
		were currently sexu	ally active (had sex	ual intercourse with	h at least one			
~ -	e 3 months before	-	22.4	20.0	25.1	D	NT	NT. 1
37.0	34.3	32.9	32.4	29.0	25.1	Decreased, 2009-2019	No quadratic change	No c

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spanic kual Behaviors		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
18.7	19.9	19.4	22.8	15.3	22.3	No linear change	No quadratic change	No change
QN63: Percenta currently sexual 57.8		used a condom durin 56.8	ng last sexual intero	course (among stud	lents who were 53.2	No linear change	No quadratic change	No change
		used birth control pi	ills before last sexu	al intercourse (to p			1 2	
among students 9.6	who were currently 10.8	sexually active) 12.4	13.0	14.4	14.6	No linear change	No quadratic change	No change
	xplanon) before last	s who used an IUD ( sexual intercourse (						
		0.0	2.8	1.5	5.3	Not available	Not available <sup>§</sup>	No change

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

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		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
birth control rin	Percentage of studen g (such as NuvaRin sexually active))	nts who used a shot (s g) before last sexual	such as Depo-Prov intercourse (to pre	era), patch (such as vent pregnancy, am	OrthoEvra), or ong students who			
		4.5	2.0	3.3	2.0	No linear change	Not available <sup>§</sup>	No change
		nts who used birth co						
implant (such as	s Implanon or Nexp ch as NuvaRing) be	nts who used birth co lanon); or a shot (suc fore last sexual interc	h as Depo-Provera	), patch (such as O	rthoEvra), or birth			
implant (such as control ring (suc	s Implanon or Nexp ch as NuvaRing) be	lanon); or a shot (suc	h as Depo-Provera	), 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 (su 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 (suc fore last sexual interc	h as Depo-Provera course (to prevent p 17.9 condom during last such as Implanon o rol ring (such as No	), patch (such as Or pregnancy, among s 19.2 sexual intercourse r Nexplanon); or a uvaRing) before las	rthoEvra), or birth tudents who were 21.9 and birth control shot (such as		Not available	No change

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

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spanic xual Behaviors		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			
		nts who did not use ere currently sexual		ent pregnancy durir	ng last sexual			

# **Arizona High School Survey**

10-year Trend Analysis Report

		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		ho were overweight c reference data from			ile for body mass			
16.2	17.1	14.2	16.8	18.8	20.2	Increased, 2009-2019	No change, 2009-2013 Increased, 2013-2019	No change
		who had obesity (>= the 2000 CDC grow		or body mass index.	based on sex-			
15.1	14.9	14.6	11.5	16.2	17.3	No linear change	No change, 2009-2015 Increased, 2015-2019	No change
			12.1.4	voverweight		1		
QN67: Percenta	age of students who	described themselve	s as slightly or ver	y overweight				
QN67: Percenta 33.5	age of students who 32.9	described themselve 29.9	35.1	36.8	39.1	Increased, 2009-2019	No quadratic change	No change
33.5	32.9		35.1	-	39.1	Increased, 2009-2019	No quadratic change	No change

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

<sup>8</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. <sup>I</sup>Not enough years of data to calculate.

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		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			
QN69: Percent days before the		did not drink fruit j	uice (100% fruit jui	ces one or more tin	nes during the 7			
			25.5	28.4	35.8	Increased, 2015-2019	Not available <sup>§</sup>	Increased
N70: Percent	age of students who	did not eat fruit (on	e or more times dur	ing the 7 days befo	re the survey)			
QNFR0: Perce	ntage of students wh	no did not eat fruit o	11.4 r drink 100% fruit j	13.9	15.0	No linear change	Not available	No change
QNFR0: Perce	ntage of students wh		11.4 r drink 100% fruit j	13.9	15.0	No linear change No linear change	Not available Not available	No change No change
QNFR0: Perce uice, or grape j QNFR1: Perce	ntage of students wh uice, during the 7 da ntage of students wh	no did not eat fruit o	11.4 r drink 100% fruit j y) 6.9 100% fruit juices of	13.9 uices (such as orang 7.0 ne or more times pe	15.0 ge juice, apple 8.6			

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

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		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			
QNFR2: Perce prange juice, ap	ntage of students wh ople juice, or grape j	ho ate fruit or drank uice, during the 7 da	100% fruit juices tw ys before the surve	vo or more times po y)	er day (such as			
			28.7	24.8	23.2	No linear change	Not available <sup>§</sup>	No change
ON71: Percent	age of students who	did not eat green sa	lad (one or more tir	nes during the 7 da	ys before the			
QN71: Percent survey)	age of students who	did not eat green sa		C	-	L 1 2015 2010	N. (111	
-	age of students who	did not eat green sa	lad (one or more tir 45.6	nes during the 7 da 41.0	ys before the 52.6	Increased, 2015-2019	Not available	Increased
urvey)		) did not eat green sa	45.6	41.0	52.6	Increased, 2015-2019	Not available	Increased
urvey)			45.6	41.0	52.6	Increased, 2015-2019 No linear change	Not available Not available	Increased
urvey)			45.6 (one or more times	41.0	52.6 before the survey)			_
urvey) QN72: Percent	age of students who		45.6 (one or more times 41.7	41.0 s during the 7 days 36.1	52.6 before the survey) 41.6			_

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

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
QN74: Percent survey)	age of students who	did not eat other ve	getables (one or mo	re times during the	7 days before the			
			21.2	20.6	25.1	No linear change	Not available <sup>§</sup>	No change
		who did not eat veg rots, or other vegeta	oles, during the 7 da	ys before the surve	y)		N. (	
			8.3	6.8	11.4	No linear change	Not available	Increased
ONVEC1. Der		who ate vegetables						
excluding Free he survey)	ich fries, fried potate	bes, or potato empsj	, carrots, or other ve	gemenes, aannig m				

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.

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		Health Risk Behav	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		who ate vegetables t bes, or potato chips].						
			22.6	23.2	17.9	No linear change	Not available <sup>§</sup>	Decreased
		who ate vegetables t bes, or potato chips]				No linear change	Not available	No change
		o did not drink a can, et pop, during the 7 c			Coke, Pepsi, or			

 $^*Based$  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.

# Arizona High School Survey

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	]	Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		who drank a can, be counting diet soda of						
26.5	24.0	20.3	21.8	15.1	16.1	Decreased, 2009-2019	No quadratic change	No change
NSODA2: Per	centage of students	who drank a can, bo	ottle, or glass of so	la or pop two or me	ore times per day			
		who drank a can, be counting diet soda or 14.1				Decreased, 2009-2019	No quadratic change	No change
such as Coke, P	epsi, or Sprite, not o 13.5	counting diet soda or 14.1	r diet pop, during tl 12.3	ne 7 days before the 9.0	e survey)	Decreased, 2009-2019	No quadratic change	No change
such as Coke, P	epsi, or Sprite, not o 13.5	counting diet soda of	r diet pop, during tl 12.3	ne 7 days before the 9.0	e survey)	Decreased, 2009-2019 Increased, 2017-2019	No quadratic change Not available <sup>§</sup>	No change Increased
(such as Coke, P 18.1 QN76: Percenta QNMILK1: Per drank in a glass o	epsi, or Sprite, not o 13.5 ge of students who centage of students	tounting diet soda of 14.1 did not drink milk (d who drank one or m n, or with cereal and	r diet pop, during the 12.3 during the 7 days b	9.0 9.0 efore the survey) 24.6 of milk (counting	9.8 33.4 the milk they			

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		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
lrank in a glass	or cup, from a carto	who drank three or too, or with cereal and				I		
o one glass, du	ring the 7 days befo	ie uie suivey)		5.3	4.4	No linear change	Not available <sup>§</sup>	No change
		did not eat breakfast	t (during the 7 days			No linear change	Not available <sup>§</sup>	No change
			t (during the 7 days 15.4			No linear change Increased, 2013-2019	Not available <sup>§</sup> Not available	No change
QN77: Percent	age of students who	did not eat breakfast	15.4	before the survey) 16.7	22.9			

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

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		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	_		
	activity that increase	were physically acti sed their heart rate a						
	45.0	42.6	45.0	42.3	41.9	No linear change	Not available <sup>§</sup>	No change
least 1 day (in a		nts who did not partic activity that increase e survey) 16.0				No linear change	Not available	No change
any kind of phy		nts who were physica creased their heart ra						
the / days belof								

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

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		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N79: Percenta	ge of students who	watched television	3 or more hours per	day (on an average	e school day)			
39.7	33.2	32.0	29.7	20.4	20.6	Decreased, 2009-2019	No quadratic change	No change
ay (counting tir	ne spent on things s	played video or con such as Xbox, PlayS other social media, f	tation, an iPad or o	ther tablet, a smart	phone, texting,			
20.3	27.6	36.8	43.9	38.3	45.3	Increased, 2009-2019	Increased, 2009-2013 Increased, 2013-2019	Increased
			lucation (PE) class	es on 1 or more day	s (in an average			
	ge of students who were in school)	attended physical ec						

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week when they were in school) 30.5 30.7 23.2	k Behavior and Percent		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
	2015	2019			
30.5 30.7 23.2	ed physical education (P	lays (in an average			
QN82: Percentage of students who played on at	2 23.2	35.0	No linear change	No quadratic change	No change
or community groups, during the 12 months before 49.6 52.1 50.0	t least one sports team (c fore the survey)		Decreased, 2009-2019	No quadratic change	No c

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ner		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN89: Percenta perfore the survey		described their grad	les in school as mos	stly A's or B's (durin	ng the 12 months			
	51.9	58.1	64.1	61.0	60.7	Increased, 2009-2019	No quadratic change	No change

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spanic e-Added		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			
QN90: Percenta	age of students who	most of the time or	always feel safe an	d secure at school				
75.3	73.5	72.0	76.7	70.6	64.6	Decreased, 2009-2019	No change, 2009-2015 Decreased, 2015-2019	No change
QN91: Percenta survey)	age of students who	bullied someone on	school property (d	uring the 12 months	s before the			
				10.1	7.8	No linear change	Not available <sup>§</sup>	No change
		electronically bullie l media, during the			texting,			

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spanic e-Added	1	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			2017-2017
		did something to pu rpose one or more ti						
19.3	20.0	19.2	21.8	23.6	19.0	No linear change	No quadratic change	Decreased
ON94: Percenta	ge of students who	were in the same ro	om with someone v	who was smoking c	igarettes (on at			
QN94: Percenta least 1 day durin 44.7	ge of students who g the 7 days before 43.1	were in the same roo the survey) 34.8	om with someone v 36.8	who was smoking c 31.0	igarettes (on at 24.8	Decreased, 2009-2019	No quadratic change	Decreased
least 1 day during 44.7 QN95: Percenta	g the 7 days before 43.1	the survey)	36.8	31.0	24.8	Decreased, 2009-2019	No quadratic change	Decreased
least 1 day during 44.7 QN95: Percenta	g the 7 days before 43.1 ge of students who	the survey) 34.8	36.8	31.0	24.8	Decreased, 2009-2019 Increased, 2009-2019	No quadratic change No quadratic change	Decreased
least 1 day durin 44.7 QN95: Percenta as never allowed 87.1 QN96: Percenta	g the 7 days before 43.1 ge of students who inside their home 87.3 ge of students who	the survey) 34.8 described the rule al	36.8 bout smoking cigar 92.2 amphetamines (also	31.0 ettes inside the hon 91.5 o called "speed," "o	24.8 ne where they live 94.8			

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

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panic Added		Health Risk Behavi	or and Percentag	25		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		attended school und e times during the 12			egal drugs (such			
21.1	21.4	18.3	19.2	17.3	23.1	No linear change	No change, 2009-2015 No change, 2015-2019	Increased
		reported their parent to do when it comes		their family talked	with them about			
68.1	66.6	67.4	64.5	64.1	61.4	Decreased, 2009-2019	No quadratic change	No change
		received the most in lor, or some other ad		neir life about sexua	al activity from a			
				neir life about sexua 13.6	al activity from a 11.5	No linear change	No quadratic change	No change
ealth teacher, so 15.6 QN101: Percent	chool nurse, counse 12.9 tage of students who	lor, or some other ad	lult at school 14.1 rse (for a check-up	13.6	11.5	No linear change	No quadratic change	No change

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

Arizona High School Survey

10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2017-201
2009	2011	2013	2015	2017	2019			
	atage of students whays before the surve	no did not go to scho y)	ol because they we	e sick or in pain (a	t least one day			
				51.1	57.5	Increased, 2017-2019	Not available <sup>§</sup>	Increased
	tage of students wh	o have physical disa	bilities or long-term				Not available <sup>§</sup>	Increased
	tage of students wh	o have physical disa	bilities or long-tern				Not available <sup>§</sup> Not available	_
or more)	tage of students wh	o have physical disa		n health problems ( 13.8	meaning 6 months	3		Increased No change

<sup>\*</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>†</sup>Based on t-test analysis, p < 0.05. <sup>§</sup>Not enough years of data to calculate.