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

							2019-2021 †
2011 2013	2015	2017	2019	2021	_		
QN8: Percentage of students wh	no did not always wear	a seat belt (when ri	ding in a car driven	by someone else)			
51.7 47.2	51.0	49.0	48.6	46.6	No linear change	No quadratic change	No change

16.1

No linear change

Not available§

No change

18.4

19.2

one or more times during the 30 days before the survey)

1

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

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

jury and Violen		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
more times durin		drove a car or other re the survey, among						
and so days bell								
are 50 days bere	9.0	9.4	6.2	5.4	2.5	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
QN11: Percenta	age of students who	9.4 texted or e-mailed vy, among students w	while driving a car	or other vehicle (on	at least 1 day	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
QN11: Percenta during the 30 da	age of students who	texted or e-mailed v	while driving a car	or other vehicle (on	at least 1 day	Decreased, 2013-2021  No linear change	Not available <sup>§</sup> Not available	Decreased  No change
QN11: Percenta during the 30 da before the surve	age of students who ays before the surve	texted or e-mailed v y, among students w carried a weapon or	vhile driving a car o ho had driven a car	or other vehicle (on or other vehicle du 41.4	at least 1 day uring the 30 days 42.7			

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

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

tal jury and Violen		Health Risk Behavior and Percentages					Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021			
		carried a gun (not conshooting, on at least						
8	-t		6.6	6.6	4.9	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			,
7.0	8.3	6.3	10.2	14.4	11.6	Increased, 2011-2021	No quadratic change	No change
		were threatened or it es during the 12 mo			rty (such as a	No linear change	Decreased, 2011-2017	No chan

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

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

Total

ury and Violence	j	Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
QN16: Percentag survey)	ge of students who	were in a physical fi	ght (one or more ti	imes during the 12 i	months before the			
27.6	23.9	22.8	21.1	23.9	19.9	Decreased, 2011-2021	No quadratic change	No change
QN19: Percentag want to)	ge of students who	were ever physically	forced to have sex	xual intercourse (wl	nen they did not			
10.0	10.6	9.0	8.2	8.7	9.5	No linear change	No quadratic change	No change

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

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

						Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
dating or going of forced to have se	out with to do sexuexual intercourse]	o experienced sexual nal things [counting so that they did not wan ated or went out with	uch things as kissin t to do, one or more	g, touching, or being times during the 1	ng physically 2 months before			
				8.6	11.7	No linear change	Not available <sup>§</sup>	No change
someone they w injured with an o	ere dating or going object or weapon]	o experienced physica g out with [counting s one or more times du ne during the 12 mon	such things as being ring the 12 months	thit, slammed into before the survey, ey)	something, or among students	Na linear about	Not available	Innered
				7.6	10.6	No linear change	Not available	Increased
ON23: Percenta	ge of students who	o were bullied on sch	ool property (ever	during the 12 month	hs before the			

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

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

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

**Total Injury and Violence Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey) 15.2 13.4 19.9 Increased, 2017-2021 Not available§ Increased QN26: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey) 18.7 18.6 20.9 19.2 19.2 23.5 Increased, 2011-2021 No quadratic change No change QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 16.3 17.0 19.7 Increased, 2011-2021 No change, 2011-2017 17.4 14.6 16.1 Increased

10.4

10.4

No linear change

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

11.3

9.6

the survey)
10.3

10.6

No change

Increased, 2017-2021

No quadratic change

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

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

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

		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN31: Percenta	age of students who	first tried cigarette s	moking before age	13 years (even one	or two puffs)			
			8.5	7.9	8.6	No linear change	Not available§	No change
ON32: Parcent	age of students who	aurrantly smaled of	garettes (on at leas	t 1 day during the 3	) days before the			
survey)		•		, ,	·	Decreased, 2011-2021	No quadratic change	No change
	14.1	10.1	7.1	5.3	3.4	Decreased, 2011-2021	No quadratic change	No chang
Survey) 17.4  QNFRCIG: Per	14.1	•	7.1	5.3	3.4	Decreased, 2011-2021	No quadratic change	No chang
urvey) 17.4  QNFRCIG: Per	14.1	10.1	7.1	5.3	3.4	Decreased, 2011-2021  Decreased, 2011-2021	No quadratic change  No quadratic change	No chang
Survey) 17.4  QNFRCIG: Per 30 days before t 5.8	14.1 recentage of students the survey) 4.6 Percentage of studer	10.1 who currently smok	7.1 ed cigarettes freque	5.3 ently (on 20 or more 0.7	3.4 e days during the 0.7			

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

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

						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2022
2011	2013	2015	2017	2019	2021			
		smoked more than 1			smoked during			
7.4	8.3	5.8	7.1	4.4	8.7	No linear change	No quadratic change	No chang
		ever used an electro ens, and mods [such 51.6				Decreased, 2015-2021	Not available <sup>§</sup>	Decrease

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

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

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

Total

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021			
	ercentage of students 30 days before the	s who currently used survey)	electronic vapor pi	roducts frequently (	on 20 or more			
		3.1	5.3	7.8	7.4	Increased, 2015-2021	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	7		
		1.6	3.7	5.7	5.7	Increased, 2015-2021	Not available	No change
	ntage of students when the stu	no currently smoked survey)	cigarettes or used e	electronic vapor pro	ducts (on at least	t		
i day during the								

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021	_		
dissolvable tob	tage of students who acco products [such , on at least 1 day du	as Copenhagen, Gri	zzly, Skoal, or Cam					
			4.6	2.5	1.7	Decreased, 2017-2021	Not available§	No change
	ercentage of students		enhagen, Grizzly, S	koal, or Camel Snu				,
	vapor products, on 2		0.9	0.7	0.3	No linear change	Not available	No change
	vapor products, on 2		0.9	0.7	0.3	No linear change	Not available	No change
QNDAYSKL: dip, snus, or dis	Percentage of stude ssolvable tobacco products, on a	oducts [such as Cop	ed smokeless tobacenhagen, Grizzly, S	co daily (chewing t koal, or Camel Snu	obacco, snuff,	No linear change	Not available	No change

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

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

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

Total

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	age of students who	currently smoked ci	gars (cigars, cigaril	llos, or little cigars,	on at least 1 day	,		
15.8	11.8	10.1	5.5	4.9	1.6	Decreased, 2011-2021	Decreased, 2011-2015 Decreased, 2015-2021	Decreased
		no currently smoked st 1 day during the 3			tobacco or			
					tobacco or	No linear change	Not available <sup>§</sup>	No change
lectronic vapor	products (on at least		0 days before the st 20.0 ked cigars frequent	urvey) 18.5	17.4	No linear change	Not available <sup>§</sup>	No chang

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

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

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

Total Tobacco Use

2013	2015	2017	2019	2021			
students who co	urrently smoked ci	igarettes or cigars	(on at least 1 day d	uring the 30 days			
17.6	13.9	8.9	6.8	3.6	Decreased, 2011-2021	No quadratic change	Decreased
	17.6 age of students	students who currently smoked control of the students who can be students which it is s	students who currently smoked cigarettes or cigars  17.6 13.9 8.9  age of students who currently smoked cigars daily (	students who currently smoked cigarettes or cigars (on at least 1 day	students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days	students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days  17.6 13.9 8.9 6.8 3.6 Decreased, 2011-2021	students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days  17.6 13.9 8.9 6.8 3.6 Decreased, 2011-2021 No quadratic 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.

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

Total

2017  cohol (at least one dring 33.1  ge drinking (had four a row if they were means)	26.6	22.4	Decreased, 2011-2021	No quadratic change	No change
33.1 ge drinking (had four	26.6	22.4	Decreased, 2011-2021	No quadratic change	No change
ge drinking (had four			Decreased, 2011-2021	No quadratic change	No change
	or more drinks of				
17.9	14.7	11.3	Decreased, 2017-2021	Not available <sup>§</sup>	No change
	,	ohol they drank by someone giving it to	ohol they drank by someone giving it to them (during the	ohol they drank by someone giving it to them (during the	ohol they drank by someone giving it to them (during the

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del>_</del>		
QN47: Percenta survey)	age of students who	currently used mari	juana (one or more	times during the 30	days before the	,		
22.9	23.5	23.3	19.5	26.1	19.2	No linear change	No quadratic change	Decreased
differently than	how a doctor told th	ever took prescriptionem to use it (counting to the during	ng drugs such as co	ithout a doctor's prodeine, Vicodin, Ox	escription or yContin,			
			15.4	17.5	17.0	No linear change	Not available <sup>§</sup>	No change
	-							
	age of students who any paints or sprays	ever used inhalants s to get high, one or			aerosoi spray			

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

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

		Health Risk Behav	ior and Percentag		Linear Change*	Quadratic Change*	Change from 2019-2021	
2011	2013	2015	2017	2019	2021	<del></del>		
			<del></del>	<del></del>				
	age of students who	ever used ecstasy (a	also called "MDMA	a" or "Molly," one o	or more times			
QN54: Percenta during their life		ever used ecstasy (a	also called "MDMA	a" or "Molly," one o	or more times 2.7	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
during their life	age of students who			4.8	2.7	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased

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

Not enough years of data to calculate.

# Arizona High School Survey 10-year Trend Analysis Report

Total Sexual Behaviors

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN58: Percenta	nge of students who	had sexual intercou	rse for the first time	e before age 13 year	rs			
5.4	5.2	3.2	2.7	2.4	4.2	Decreased, 2011-2021	Decreased, 2011-2017 No change, 2017-2021	No change
	nge of students who he 3 months before		ally active (had sex	cual intercourse with	h at least one			
			ally active (had sex	tual intercourse with	h at least one	Decreased, 2011-2021	No quadratic change	No change
oerson, during th 33.5 QN61: Percenta	he 3 months before	29.0 drank alcohol or use	24.9	24.0	24.7	Decreased, 2011-2021	No quadratic change	No change
oerson, during th 33.5 QN61: Percenta	ne 3 months before 32.5	29.0 drank alcohol or use	24.9	24.0	24.7	Decreased, 2011-2021  No linear change	No quadratic change  No quadratic change	No change
QN61: Percenta who were curren 22.4	age of students who age of students who age of students who age of students who	29.0 drank alcohol or use 23.5	24.9 ed drugs before last 18.2	24.0 sexual intercourse 22.6	24.7 (among students 26.4			

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

							2019-2021
2013	2015	2017	2019	2021			
	were ever tested for	r human immunode	ficiency virus (HIV)	) (not counting			
mated blood)			13.2	4.7	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
	-	of students who were ever tested for	of students who were ever tested for human immunode	of students who were ever tested for human immunodeficiency virus (HIV) onated blood)	of students who were ever tested for human immunodeficiency virus (HIV) (not counting onated blood)	of students who were ever tested for human immunodeficiency virus (HIV) (not counting onated blood)	of students who were ever tested for human immunodeficiency virus (HIV) (not counting onated blood)

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

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

	]	Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-202
2011	2013	2015	2017	2019	2021			
N66: Percentag	ge of students who	described themselve	es as slightly or ver	y overweight	:			
29.4	26.6	30.4	31.9	33.3	33.7	Increased, 2011-2021	No quadratic change	No chang
13.9	12.7	14.7	15.9	17.4	16.6	Increased, 2011-2021	No quadratic change	NT1
13.7		11.,				,	•	No chang
NOBESE: Pero	centage of students	who had obesity (>) the 2000 CDC grow	= 95th percentile fo	or body mass index,	based on sex-	, 		No chang

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

<sup>§</sup>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.

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

**Total Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN68: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey) 27.3 32.4 38.2 39.5 Increased, 2015-2021 Not available§ No change QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 10.9 14.3 Increased, 2015-2021 Not available 13.2 18.8 Increased QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 6.7 8.3 7.0 12.1 Increased, 2015-2021 Not available Increased

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	entage of students whople juice, or grape ju				er day (such as			
		60.5	55.0	49.5	41.4	Decreased, 2015-2021	Not available§	Decreased
	entage of students whople juice, or grape ju				er day (such as			
					er day (such as	Decreased, 2015-2021	Not available	Decreased
orange juice, ap		uice, during the 7 da	ys before the survey 24.5	23.7	18.7	Decreased, 2015-2021	Not available	Decrease

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

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

		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021	<u> </u>		
N71: Percent	age of students who	did not eat potatoes	(one or more times	during the 7 days	before the survey)	)		
		26.4	25.5	40.4				
		36.4	35.7	40.4	38.2	No linear change	Not available <sup>§</sup>	No change
N72: Percent	age of students who	did not eat carrots (o				No linear change	Not available <sup>§</sup>	No change
N72: Percent	age of students who					No linear change  Increased, 2015-2021	Not available <sup>§</sup> Not available	No chang
		did not eat carrots (o	one or more times of 52.1	during the 7 days be	efore the survey) 57.9	Increased, 2015-2021		

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

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

		Health Risk Behavi	or and Percentage	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		who did not eat veget ots, or other vegetab						
		7.1	6.9	8.5	10.3	Increased, 2015-2021	Not available§	No change
		who ate vegetables or		er day (green salad, getables, during the				
[excluding frend survey)	ch fries, fried potato	es, or pounts emps],						
	ch fries, fried potato	59.1	56.4	55.5	52.4	Decreased, 2015-2021	Not available	No change
survey)  QNVEG2: Pero	centage of students	-	vo or more times pe	er day (green salad	potatoes	,	Not available	No change

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

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

.g mungeme	ent and Dietary Be	enaviors Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		who ate vegetables thes, or potato chips],						
		14.7	12.3	11.8	11.6	No linear change	Not available <sup>§</sup>	No change
		did not drink a can, t pop, one or more ti						
						No linear change	No change, 2011-2017 No change, 2017-2021	Decreased
Sprite, not count 24.2  QNSODA1: Per	27.8	t pop, one or more ti	29.0 ottle, or glass of soo	31.2  da or pop one or mo	25.2 ore times per day	No linear change		Decreased

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

Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		s who drank a can, b counting diet soda o						
		-	9.7	8.2	•			
15.9	12.6	10.8	9.7	8.2	8.0	Decreased, 2011-2021	No quadratic change	No change
		did not drink milk (			8.0	Decreased, 2011-2021	No quadratic change	No change
		,			34.8	Decreased, 2011-2021  Increased, 2017-2021	No quadratic change  Not available <sup>§</sup>	No change
QN75: Percenta  QNMILK1: Per  Irank in a glass	ge of students who	who drank one or mon, or with cereal and	during the 7 days b 25.5 nore glasses per day	efore the survey) 34.8  v of milk (counting)	34.8 the milk they	Increased, 2017-2021		

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
drank in a glass	who drank three or on, or with cereal and re the survey)				I			
o one grass, aa							Not available <sup>§</sup>	No change
o one glass, da	c ,		7.0	5.0	4.3	Decreased, 2017-2021	Not available <sup>§</sup>	No change
-		did not eat breakfas				Decreased, 2017-2021	Not available <sup>§</sup>	No change
-		did not eat breakfas 15.2				Decreased, 2017-2021  Increased, 2013-2021	Not available <sup>§</sup> Not available	No change
QN76: Percent	age of students who		t (during the 7 days	s before the survey) 19.8	21.6	,		

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

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

# Arizona High School Survey 10-year Trend Analysis Report

**Total Physical Activity Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN77: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 47.4 41.9 46.4 46.3 45.7 44.8 No linear change No quadratic change No change QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 15.4 16.7 17.3 15.9 17.5 18.5 No linear change No quadratic change No change QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 25.0 21.7 26.0 24.5 22.0 22.0 No linear change No quadratic change No change

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

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

Total

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	age of students who were in school)	attended physical ed	lucation (PE) classe	es on 1 or more day	s (in an average	,		
41.7	39.9	40.9	46.4	45.9	36.7	No linear change	No quadratic change	No change
	rcentage of students were in school)	who attended physic	ical education (PE)	classes on all 5 day	vs (in an average			
29.6	23.0	26.3	36.5	31.9	27.2	No linear change	No quadratic change	No change
01101 B		had a concussion from	om playing a sport	or being physically	active (one or			
	ng the 12 months be	fore the survey)		16.1	14.1	No linear change	Not available§	No chang

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

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

		Health Risk Beha	vior and Percentag	res		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-202
2011	2013	2015	2017	2019	2021			
			a check-up, exam, te	eth cleaning, or other	er dental work,			
	41 1 £ 41							
luring the 12 m	nonths before the sur	rvey)						
uring the 12 m	ionins before the sui	rvey)		72.6	69.8	No linear change	Not available <sup>§</sup>	No chang
)NNODNT: F			dentist (for a check-			No linear change	Not available <sup>§</sup>	No chang
NNODNT: F			dentist (for a check-				Not available <sup>§</sup>	,
NNODNT: F			dentist (for a check-	-up, exam, teeth clea	uning, or other	No linear change		,
ONNODNT: Fental work)	Percentage of studen	ts who never saw a	dentist (for a check-	up, exam, teeth clea	uning, or other			No chang

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

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

Total
Site-Added

e-Added		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN88: Percenta 30 days before the		carried a weapon (su	uch as a gun, knife,	or club, on at least	1 day during the			
17.5	17.5	18.0	15.6	16.7	17.3	No linear change	No quadratic change	No change
		electronically bullie I media, during the 1			9.9	Increased, 2017-2021	Not available <sup>§</sup>	No change
		did something to pu						
19.7	22.6	19.4	21.3	21.1	28.3	Increased, 2011-2021	No change, 2011-2017 Increased, 2017-2021	Increased

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

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

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

Total Site-Added

e-Added		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	age of students who	were in the same ro	om with someone v	who was smoking c	igarettes (on at			
45.5	39.6	37.4	32.1	28.3	27.2	Decreased, 2011-2021	No quadratic change	No change
	tage of students whowed inside their ho	o described the rule ome 91.3	about smoking ciga	92.2	me where they 89.4	Increased, 2011-2021	Increased, 2011-2017 Decreased, 2017-2021	No change
		o currently used met ore times during the			'crystal meth,"			
			1.7	2.4	1.0	No linear change	Not available§	Decreased
						C		

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

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

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

Total

e-Added		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		o attended school under times during the 12			legal drugs (such			
20.7	19.5	16.4	15.3	20.1	13.0	Decreased, 2011-2021	No quadratic change	Decreased
		o saw a doctor or nur onths before the surve		or physical exam v	when they were 53.0	Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
	age of students who	o did not go to schoo y)	l because they wer	e sick or in pain (at	t least one day			
			47.9	54.8	57.9	Increased, 2017-2021	Not available	No change
QN106: Percent or more)	age of students who	o have physical disab	ilities or long-term	n health problems (	meaning 6 months	No linear change	Not available	No change

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

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

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

Total

te-Added		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021			
QN107: Percen months or more)	-	o have long-term em	otional problems o	r learning disabiliti	es (meaning 6			
			17.8	20.1	21.6	No linear change	Not available <sup>§</sup>	No change
		o most of the time of		ry because there wa	as not enough			
			,	3.7	4.3	No linear change	Not available	No change
QN109: Percen months before the		o described their gra	des in school as mo	ostly A's or B's (dur	ing the 12			
63.9	64.6	70.2	69.5	68.8	65.1	No linear change	Increased, 2011-2015 No change, 2015-2021	No change

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

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

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

Male Injury and Violence

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN8: Percentag	ge of students who	id not always wear	a seat belt (when ric	ling in a car driven	by someone else)	)		
53.8	47.0	49.0	51.2	49.9	45.5	No linear change	No quadratic change	No change
		ode with a driver where survey)		g alcohol (in a car	or other vehicle,			
			19.4	18.2	14.0	Decreased, 2017-2021	Not available§	Decreased
QN10: Percenta		drove a car or other	vehicle when they students who had			,		,
		3,						

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2019-2021
2011	2013	2015	2017	2019	2021			
		texted or e-mailed v y, among students w						
arring and 50 da					•			
	y)							
	y)			41.3	45.2	No linear change	Not available§	No chang
Operation of the survey of the		carried a weapon or	n school property (s		- :	No linear change	Not available <sup>§</sup>	No chang
oefore the surve	age of students who		n school property (s		- :	No linear change  Decreased, 2011-2021	Not available <sup>§</sup> No quadratic change	
2N12: Percenta east 1 day durin 8.3	age of students who ag the 30 days befor 6.4	e the survey) 6.0	4.2	uch as a gun, knife,	or club, on at			,
QN12: Percenta east 1 day durin 8.3 QN13: Percenta	age of students who ag the 30 days befor 6.4 age of students who	e the survey)	4.2 ounting the days wh	uch as a gun, knife, 5.1 nen they carried a g	or club, on at  3.2  un only for			No chang

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

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

# Arizona High School Survey 10-year Trend Analysis Report

Male **Injury and Violence Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) 7.1 8.3 5.6 11.1 7.6 7.9 No linear change No quadratic change No change QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) 13.1 9.9 9.5 8.7 8.5 9.4 No linear change No change No quadratic change QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey) 36.4 30.4 28.7 28.4 33.0 24.8 Decreased, 2011-2021 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. \*Based on t-test analysis, p < 0.05.

ury and Violen		Health Risk Behav	rior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
QN19: Percenta want to)	age of students who	were ever physicall	y forced to have sex	xual intercourse (w	hen they did not	,		
7.1	7.1	6.0	4.5	5.8	2.7	Decreased, 2011-2021	No quadratic change	Decreased
	age of students who							
[counting such t		iching, or being phy	sically forced to ha	ve sexual intercour	se] that they did	No linear change	Not available	No change
[counting such t	hings as kissing, tou	iching, or being phy	sically forced to ha	ve sexual intercour		No linear change	Not available <sup>§</sup>	No change
QN21: Percenta dating or going of forced to have so	hings as kissing, tou	experienced sexual things [counting the 12 months]	dating violence (be uch things as kissin t to do, one or more	5.6 sing forced by some g, touching, or being times during the 1	5.0  cone they were ng physically 2 months before	No linear change	Not available <sup>§</sup>	No change

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

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

		Health Risk Behav	vior and Percentag	res		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN22: Percent someone they v	age of students who were dating or going	experienced physic out with [counting s	such things as being	g hit, slammed into	something, or			
njured with an	object or weapon] of	one or more times du ne during the 12 mor			among students  8.2	No linear change	Not available <sup>§</sup>	No change
injured with an who dated or w	object or weapon] of ent out with someor	one or more times du ne during the 12 mor	nths before the surv	ey) 6.4	8.2	No linear change	Not available <sup>§</sup>	No change
injured with an who dated or w  QN23: Percent	object or weapon] of ent out with someor	one or more times du	nths before the surv	ey) 6.4	8.2	No linear change	Not available <sup>§</sup>	No change
injured with an who dated or w	object or weapon] of ent out with someor	one or more times du ne during the 12 mor	nths before the surv	ey) 6.4	8.2	No linear change  No linear change	Not available <sup>§</sup> Not available	,
injured with an who dated or w  QN23: Percent survey)  QN24: Percent	object or weapon] of ent out with someon age of students who	one or more times du ne during the 12 mor	nool property (ever of 14.8	during the 12 month  14.6  being bullied throug	8.2 as before the 13.6			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. \*Based on t-test analysis, p < 0.05.

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN26: Percenta survey)	age of students who	seriously considered	d attempting suicide	e (during the 12 mo	onths before the			
15.5	14.4	13.2	14.0	15.4	14.2	No linear change	No quadratic change	No change
QN27: Percenta before the surve		made a plan about h	now they would atte	empt suicide (durin	g the 12 months			
14.9	15.3	12.3	10.7	12.1	11.2	Decreased, 2011-2021	No quadratic change	No change
-	age of students who	actually attempted s	suicide (one or mor	e times during the 1	12 months before			,
the survey)								

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

le pacco Use								
		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN31: Percenta	age of students who	first tried cigarette s	smoking before age	13 years (even one	or two puffs)			
			9.9	9.2	7.9	No linear change	Not available§	No change
QN32: Percenta survey) 20.0	age of students who	currently smoked ci	garettes (on at least	t 1 day during the 3	0 days before the 3.3	Decreased, 2011-2021	No quadratic change	Decreased
20.0 QNFRCIG: Per	16.4	•	7.5	6.5	3.3	Decreased, 2011-2021	No quadratic change	Decreased
20.0	16.4	9.9	7.5	6.5	3.3	Decreased, 2011-2021  Decreased, 2011-2021	No quadratic change  No quadratic change	Decreased No change
QNFRCIG: Per 80 days before t 7.5	16.4 recentage of students the survey) 5.0 Percentage of students	9.9 who currently smok	7.5 red cigarettes freque	6.5 ently (on 20 or more	3.3 e days during the 0.8			

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

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

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

		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		ever used an electro ens, and mods [such						
		53.7	52.5	49.2	33.8	Decreased, 2015-2021	Not available <sup>§</sup>	Decreased
ape pens, e-cig		currently used an elokah pens, and mods re the survey)						
		29.4	18.9	18.9	13.3	Decreased, 2015-2021	Not available	No change
		s who currently used	electronic vapor pr	roducts frequently (	on 20 or more			,
	30 days before the	survey)						

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

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

Male	
Tobacco	Use

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
QNDAYEVP: P		ents who currently use	ed electronic vapor	products daily (on	all 30 days during			
		1.2	5.7	5.9	3.9	No linear change	Not available§	No change
	tage of students will 30 days before the	ho currently smoked (	cigarettes or used e	electronic vapor pro	ducts (on at least			
		30.3	20.3	18.7	13.6	Decreased, 2015-2021	Not available	No change

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

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

oacco Use		Health Risk Behav	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
lip, snus, or dis	ercentage of students ssolvable tobacco pro vapor products, on 20	oducts [such as Cope	nhagen, Grizzly, S	koal, or Camel Snu				
			1.6	1.1	0.3	Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
)NDAYSKI.:	Percentage of stude			koal, or Camel Snu		· · · · · · · · · · · · · · · · · · ·		-
lip, snus, or dis	vapor products, on al		30 days before the 1.6	survey) 0.7	0.3	No linear change	Not available	No change
lip, snus, or dis		1 30 days during the	1.6	0.7	0.3	No linear change	Not available	No chang

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

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

		Health Risk Behavi	or and Percentage	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		no currently smoked st 1 day during the 30			tobacco or			
			23.7	19.0	13.8	Decreased, 2017-2021	Not available§	No change
		-						
		s who currently smol lys before the survey		y (cigars, cigarillos 0.5	s, or little cigars,	Decreased, 2011-2021	No quadratic change	No chang
2.5 QNTB2: Perce	lays during the 30 da 1.6 ntage of students wh	ys before the survey	0.5	0.5	0.3	,	No quadratic change	No chang
on 20 or more d 2.5  QNTB2: Perce	lays during the 30 da 1.6 ntage of students wh	ays before the survey	0.5	0.5	0.3	,	No quadratic change  No quadratic change	No chang
2.5  QNTB2: Perce perfore the survey 25.0  QNDAYCGR:	1.6  ntage of students where y)  20.7	1.1 no currently smoked 15.4 nts who currently sn	0.5 cigarettes or cigars	0.5 (on at least 1 day d	0.3 during the 30 days			

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

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

		Health Risk Behav	ior and Percentago	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	_		
	ge of students who	currently drank alco	ohol (at least one dri	nk of alcohol, on a	t least 1 day			
43.4	33.9	33.0	30.2	23.5	18.7	Decreased, 2011-2021	No quadratic change	No chang
f they were fema		currently were bing drinks of alcohol in e the survey)						
east I day durin	•		15.4	13.4	10.9	No linear change	Not available§	No chang

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN47: Percenta urvey)	age of students who	currently used mari	juana (one or more	times during the 30	) days before the	,		
26.3	27.6	24.1	18.7	25.7	19.1	Decreased, 2011-2021	No quadratic change	No chang
ifferently than	age of students who how a doctor told th nd Percocet, one or	em to use it (counti	ng drugs such as co	rithout a doctor's prodeine, Vicodin, Ox	escription or yContin,	No linear change	Not available <sup>§</sup>	Decrease
ifferently than Hydrocodone, a  No. 12 Percenta	how a doctor told th	em to use it (counti more times during t ever used inhalants	ng drugs such as co heir life)  14.7  (sniffed glue, breat	17.1 hed the contents of	yContin, 12.2	No linear change	Not available <sup>§</sup>	Decrease

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

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

cohol and Othe	<u> </u>	Health Risk Behav	ior and Percentag		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †	
2011	2013	2015	2017	2019	2021			
		· · · · · · · · · · · · · · · · · · ·	<del></del>	<del></del>	•	· · · · ·		
		ever used ecstasy (a	also called "MDMA	" or "Molly," one o	or more times			
QN54: Percent during their life		ever used ecstasy (a	also called "MDMA	a" or "Molly," one o	or more times 2.5	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
during their life	age of students who	ever used ecstasy (a	,	6.5	2.5	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
QN58: Percenta	age of students who	had sexual intercour	rse for the first time	before age 13 year	rs			
7.9	6.4	3.5	4.3	3.2	4.1	Decreased, 2011-2021	No quadratic change	No change
	age of students who he 3 months before	were currently sexuates survey)	ally active (had sex	ual intercourse with				
35.9	31.4	29.1	26.1	23.6	24.2	Decreased, 2011-2021	No quadratic change	No change
					4			
	age of students who ntly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
			ed drugs before last	sexual intercourse 20.7	(among students 27.9	No linear change	No quadratic change	No change
who were currer 25.8	26.6  age of students who		20.1	20.7	27.9	No linear change	No quadratic change	No change

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

		Health Risk Behav	vior and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		were ever tested for	r human immunode	ficiency virus (HIV	) (not counting			
	age of students who y donated blood)	were ever tested for	r human immunode	eficiency virus (HIV	) (not counting 5.3	Decreased, 2019-2021	Not available <sup>§</sup>	Decrease
ests done if they  QN83: Percenta	y donated blood)  ge of students who		exually transmitted o		5.3	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased

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

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

	1	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN66: Percenta	ge of students who	2015 2017 2019 2021  ts who described themselves as slightly or very overweight						
25.3	21.9	26.1	24.3	28.7	28.9	Increased, 2011-2021	No quadratic change	No change
	entage of students w sex- and age-specifi				ile for body mass	· · ·		
					ile for body mass	No linear change	No quadratic change	No chang
ndex, based on s 15.1 QNOBESE: Per	sex- and age-specifi	c reference data fro  15.1  who had obesity (>	m the 2000 CDC gr 15.0 = 95th percentile for	rowth charts) <sup>§</sup> 15.8	15.8	No linear change	No quadratic change	No chang
ndex, based on s 15.1 QNOBESE: Per	sex- and age-specifi 13.4	c reference data fro  15.1  who had obesity (>	m the 2000 CDC gr 15.0 = 95th percentile for	rowth charts) <sup>§</sup> 15.8	15.8	No linear change  Increased, 2011-2021	No quadratic change  No quadratic change	No chang No chang
ndex, based on s 15.1 QNOBESE: Per and age-specific 14.6	13.4 reentage of students reference data from	c reference data fro  15.1  who had obesity (> the 2000 CDC gro  14.5	m the 2000 CDC gr 15.0  = 95th percentile for the charts)§  16.7	rowth charts) <sup>§</sup> 15.8  or body mass index,	, based on sex-			,

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

<sup>§</sup>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.

		Health Risk Behavi	or and Percentage	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
QN68: Percent days before the		did not drink fruit ju	ice (100% fruit jui	ces one or more tim	nes during the 7			
anys service the	sarvey)	25.7	27.8	33.1	36.1	Increased, 2015-2021	Not available <sup>§</sup>	No change
		· · · · · · · · · · · · · · · · · · ·			.1	1 1		
QN69: Percent	age of students who	did not eat fruit (one	or more times dur	ing the 7 days before	re the survey)			
QN69: Percent	age of students who	did not eat fruit (one	or more times dur	ing the 7 days before	18.2	Increased, 2015-2021	Not available	No chang
QNFR0: Perce	ntage of students w		18.3 drink 100% fruit ji	14.6	18.2	Increased, 2015-2021	Not available	No chang

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

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

		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	entage of students wh pple juice, or grape ju				er day (such as			
		61.4	56.0	50.7	47.7	Decreased, 2015-2021	Not available <sup>§</sup>	No change
	entage of students wh				er day (such as			
					er day (such as	Decreased, 2015-2021	Not available	No change
orange juice, ap		uice, during the 7 day	ys before the surve	y) 24.5	21.5	Decreased, 2015-2021	Not available	

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

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

		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN71: Percent	age of students who	did not eat potatoes	(one or more times	during the 7 days l	pefore the survey)			
		34.5	34.0	38.5	36.9	No linear change	Not available§	No chang
N72: Percent	age of students who	did not eat carrots (o	one or more times o	luring the 7 days be	efore the survey)			
N72: Percent	age of students who	did not eat carrots (c	one or more times of 52.7	during the 7 days be	efore the survey) 55.9	No linear change	Not available	No chang
			52.7	49.4	55.9	No linear change	Not available	No chang

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

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

		Health Risk Behavi	or and Percentage	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		who did not eat vegerots, or other vegetab						
F	F	8.1	8.4	9.9	10.6	No linear change	Not available <sup>§</sup>	No change
excluding frence		who ate vegetables o es, or potato chips],						,
						No linear change	Not available	No chang
excluding frencesurvey)  QNVEG2: Percent	ch fries, fried potato	es, or potato chips],	55.4 vo or more times po	getables, during the 56.4 er day (green salad	54.6 potatoes	No linear change	Not available	No chang

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

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

		Health Risk Behavi	or and Percentag	es		Linear Change*	Linear Change* Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		who ate vegetables thes, or potato chips],						
		13.7	11.9	12.2	14.1	No linear change	Not available <sup>§</sup>	No change
QN74: Percenta		did not drink a can,	bottle, or glass of s mes during the 7 da					
	ting diet soda or die	t pop, one of more th						
	24.2	23.6	25.8	26.3	22.6	No linear change	No quadratic change	No change
Sprite, not coun 19.4 QNSODA1: Pe	24.2		ottle, or glass of soo	la or pop one or mo	ore times per day	No linear change	No quadratic change	No change

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		who drank a can, b counting diet soda o						
20.8	14.9	12.0	11.1	9.5	10.1	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change
		12.0 did not drink milk (			10.1	Decreased, 2011-2021		No change
		,			24.3	Decreased, 2011-2021  Increased, 2017-2021		No chang  No chang
ON75: Percenta ONMILK1: Per rank in a glass of	age of students who	did not drink milk ( who drank one or mon, or with cereal and	during the 7 days b 18.3 nore glasses per day	efore the survey) 25.6  of milk (counting	24.3 the milk they	Increased, 2017-2021	No change, 2015-2021	

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-202	
2011	2013	2015	2017	2019	2021				
lrank in a glass		who drank three or on, or with cereal and re the survey)				ıl			
o one giass, du	ing the 7 days belo.	ie ale sai vegy						No change	
o one grass, du	ring the 7 days octo.		10.7	7.1	6.7	Decreased, 2017-2021	Not available <sup>§</sup>	No change	
-		did not eat breakfas			6.7	Decreased, 2017-2021	Not available <sup>§</sup>	No change	
_					17.6	Decreased, 2017-2021  No linear change	Not available <sup>§</sup> Not available	No change	
QN76: Percent	age of students who	did not eat breakfas	t (during the 7 days	s before the survey) 20.1	17.6	·			

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

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

	]	Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-202	
2011	2013	2015	2017	2019	2021	-		_	
	age of students who activity that increas e survey)								
56.2	50.4	52.7	54.1	51.3	55.3	No linear change	No quadratic change	No chang	
					l activity on at				
east 1 day (in ar	Percentage of studen ny kind of physical a the 7 days before the 14.9	activity that increase				No linear change	No quadratic change	No chang	
east 1 day (in arme time during to 13.2  NPA7DAY: F	ny kind of physical a the 7 days before the 14.9 Percentage of studen sical activity that inc	activity that increase survey) 14.5  ts who were physica	d their heart rate at 13.9	15.2  0 minutes per day of	he hard some of  12.5  on all 7 days (in	No linear change	No quadratic change	No chang	

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

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

	1	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
QN79: Percenta week when they	ge of students who were in school)	attended physical ed	lucation (PE) classe	es on 1 or more day	rs (in an average	,		
49.0	48.1	47.3	53.9	53.3	46.6	No linear change	No quadratic change	No change
QNDLYPE: Per week when they 36.3	recentage of students were in school) 27.7	who attended physi	cal education (PE) 40.7	classes on all 5 day	vs (in an average 35.9	No linear change	No quadratic change	No change
	ge of students who ag the 12 months be		om playing a sport	or being physically 19.9	active (one or 15.7	No linear change	Not available <sup>§</sup>	No change

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

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

(ale ther		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		saw a dentist (for a	check-up, exam, te	eth cleaning, or other	er dental work,			
during the 12 m	onths before the sui	evey)		68.7	69.0	No linear change	Not available§	No change
QNNODNT: P dental work)	ercentage of studen	ts who never saw a d	lentist (for a check-	up, exam, teeth clea	aning, or other			
dental work)				2.3	2.9	No linear change	Not available	No change
QN86: Percent	age of students who	got 8 or more hours	of sleep (on an ave	erage school night)				
				21.6	23.8	No linear change	Not available	No change

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

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

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

						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN88: Percentage of the s		carried a weapon (s	uch as a gun, knife,	or club, on at least	1 day during the			
26.9	24.7	25.5	21.6	23.8	21.1	No linear change	No quadratic change	No change
		electronically bullie I media, during the			10.8	Increased, 2017-2021	Not available <sup>§</sup>	No change

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

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

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

	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2013	2015	2017	2019	2021			
-		om with someone v	who was smoking c	igarettes (on at			
36.7	33.7	31.8	27.4	22.9	Decreased, 2011-2021	No quadratic change	No change
		about smoking ciga	91.3	ome where they 91.2	Increased, 2011-2021	Increased, 2011-2017 No change, 2017-2021	No change
				"crystal meth,"			
		2.0	2.5	1.1	N 1' 1	NT . '1 1 1 8	Decreased
	ge of students who g the 7 days before 36.7  age of students who wed inside their ho 87.5  age of students who	2013 2015  ge of students who were in the same ro g the 7 days before the survey) 36.7  age of students who described the rule wed inside their home 87.5  90.9	2013  2015  2017  ge of students who were in the same room with someone was the 7 days before the survey)  36.7  33.7  31.8  age of students who described the rule about smoking cigawed inside their home  87.5  90.9  93.1  age of students who currently used methamphetamines (all remeth," one or more times during the 30 days before the	ge of students who were in the same room with someone who was smoking cog the 7 days before the survey)  36.7 33.7 31.8 27.4  age of students who described the rule about smoking cigarettes inside the howed inside their home  87.5 90.9 93.1 91.3	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at g the 7 days before the survey)  36.7 33.7 31.8 27.4 22.9  age of students who described the rule about smoking cigarettes inside the home where they wed inside their home  87.5 90.9 93.1 91.3 91.2  age of students who currently used methamphetamines (also called "speed," "crystal meth," "meth," one or more times during the 30 days before the survey)	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at g the 7 days before the survey)  36.7 33.7 31.8 27.4 22.9 Decreased, 2011-2021  age of students who described the rule about smoking cigarettes inside the home where they wed inside their home  87.5 90.9 93.1 91.3 91.2 Increased, 2011-2021  age of students who currently used methamphetamines (also called "speed," "crystal meth," ""meth," one or more times during the 30 days before the survey)	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at g the 7 days before the survey)  36.7 33.7 31.8 27.4 22.9 Decreased, 2011-2021 No quadratic change age of students who described the rule about smoking cigarettes inside the home where they weed inside their home  87.5 90.9 93.1 91.3 91.2 Increased, 2011-2021 Increased, 2011-2017 No change, 2017-2021 age of students who currently used methamphetamines (also called "speed," "crystal meth," "meth," one or more times during the 30 days before the survey)

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

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

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

te-Added		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		o attended school under times during the 12			legal drugs (such			
22.7	21.5	19.3	15.4	20.8	11.9	Decreased, 2011-2021	No quadratic change	Decreased
		o saw a doctor or nur onths before the surve		or physical exam v	when they were 51.4	Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
	age of students who	o did not go to schoo y)	l because they were	e sick or in pain (at	t least one day			
			41.2	51.8	52.8	Increased, 2017-2021	Not available	No change
QN106: Percent or more)	age of students who	o have physical disab	ilities or long-term	n health problems (	meaning 6 months	Decreased, 2017-2021	Not available	No change

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

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

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

		Health Risk Behav	ior and Percentag	ees		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN107: Percent months or more)		o have long-term en	notional problems o	or learning disabiliti	es (meaning 6			
			15.4	17.0	15.0	No linear change	Not available§	No change
		o most of the time o		gry because there wa	as not enough			
				3.3	3.6	No linear change	Not available	No change
QN109: Percent nonths before the		o described their gra	ndes in school as mo	ostly A's or B's (dur	ing the 12	,		

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

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

male jury and Violenc		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN8: Percentage	e of students who d	lid not always wear	a seat belt (when ric	ding in a car driven	by someone else)			
49.4	47.2	53.1	46.3	47.2	47.3	No linear change	No quadratic change	No change
		ode with a driver whos before the survey)		g alcohol (in a car	or other vehicle,			
			18.9	18.1	18.2	No linear change	Not available§	No change
	g the 30 days before	drove a car or other re the survey, among						
	6.7	7.7	5.7	4.5	3.0	Decreased, 2013-2021	Not available	No change

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

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

		Health Risk Behav	ior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		texted or e-mailed v y, among students w						
pefore the surve	y)			41.3	40.1	No linear change	Not available <sup>§</sup>	No chang
efore the surve		carried a weapon or the survey) 2.8	a school property (s			No linear change	Not available <sup>§</sup> No quadratic change	
2N12: Percenta east 1 day durin 3.0	age of students who ng the 30 days befor 3.3	e the survey)	2.7	such as a gun, knife.	or club, on at			
QN12: Percenta east 1 day durin 3.0 QN13: Percenta	age of students who ng the 30 days befor 3.3	2.8	2.7 ounting the days w	2.2 hen they carried a g	3.9 un only for			No chang

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

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

# Arizona High School Survey 10-year Trend Analysis Report

**Female Injury and Violence Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) 6.6 7.8 6.8 12.2 17.6 15.4 Increased, 2011-2021 No quadratic change No change QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) 7.2 7.7 5.3 7.0 6.7 4.4 No linear change No quadratic change No change QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey) 12.7 18.3 16.8 16.6 13.9 14.7 Decreased, 2011-2021 No quadratic change No change

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

No linear change	No change, 2011-2017	Increased
		Ingrassed
No linear change		Ingranged
	No change, 2017-2021	Increased
l.		
No linear change	Not available <sup>§</sup>	No change
		No linear change Not available <sup>§</sup>

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

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

		Health Risk Behav	vior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
someone they v	vere dating or going	experienced physica out with [counting sone or more times du	such things as being uring the 12 months	hit, slammed into before the survey,	something, or			
	ent out with someon	ne during the 12 mon	nths before the surve		12.5	No linear change	Not available	No shanga
	ent out with someon	ne during the 12 mon	nths before the surve	ey) 8.6	12.5	No linear change	Not available <sup>§</sup>	No change
who dated or w		were bullied on sch		8.6	:	No linear change	Not available <sup>§</sup>	No change
who dated or w				8.6	:	No linear change  No linear change	Not available <sup>§</sup> Not available	No cha

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

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

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

Female

	]	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN26: Percenta survey)	age of students who	seriously considered	d attempting suicid	e (during the 12 mo	nths before the			
22.0	23.9	23.5	23.8	26.5	32.4	Increased, 2011-2021	No quadratic change	No change
QN27: Percenta before the surve	age of students who	made a plan about l	now they would atto	empt suicide (during	g the 12 months			
17.6	19.2	21.3	18.3	20.0	28.4	Increased, 2011-2021	No quadratic change	Increased
QN28: Percenta the survey)	age of students who	actually attempted s	suicide (one or mor	e times during the 1	2 months before			
	12.9	12.6	11.8	12.3	16.7	Increased, 2011-2021	No quadratic change	No change

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

bacco Use		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN31: Percent	age of students who	first tried cigarette s	smoking before age	13 years (even one	or two puffs)			
			6.8	6.4	8.9	No linear change	Not available§	No change
QN32: Percenta	age of students who	currently smoked ci	garettes (on at least	1 day during the 3	0 days before the			,
	age of students who	currently smoked ci	garettes (on at least	1 day during the 3	0 days before the 3.5	Decreased, 2011-2021	No quadratic change	No change
survey) 14.7	11.6	•	6.2	4.1	3.5	Decreased, 2011-2021	No quadratic change	No change
survey) 14.7  QNFRCIG: Per	11.6	10.2	6.2	4.1	3.5	Decreased, 2011-2021  Decreased, 2011-2021	No quadratic change  No quadratic change	No change
Survey) 14.7  QNFRCIG: Per 30 days before t 4.2	11.6 rcentage of students the survey) 4.2 Percentage of studen	10.2 who currently smok	6.2 red cigarettes freque 1.0	4.1 ently (on 20 or more 0.4	3.5 e days during the 0.5			

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

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

emale obacco Use		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		ever used an electro ens, and mods [such						
		49.4	49.4	47.9	46.2	No linear change	Not available <sup>§</sup>	No change
vape pens, e-cig		currently used an elokah pens, and mods re the survey)						,
·		25.4	13.1	17.1	21.1	No linear change	Not available	No change
	ercentage 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	9.3	Increased, 2015-2021	Not available	No change

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

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

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

		Health Risk Behav	ior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fro 2019-202
2011	2013	2015	2017	2019	2021			
		· · · · · · · · · · · · · · · · · · ·			*	•		
	Percentage of stude ore the survey)	ents who currently us	ed electronic vapor	products daily (on	all 30 days during			

21.0

18.1

15.3

2.1

27.4

0.8 1.2 No linear change Not available No change

No linear change

Not available

No change

QN37: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	_		
lip, snus, or dis	solvable tobacco pr	s who currently used oducts [such as Cope 0 or more days during	enhagen, Grizzly, S	koal, or Camel Snu				
			0.3	0.2	0.3	No linear change	Not available§	No change
								C
ip, snus, or dis	solvable tobacco pr	nts who currently us oducts [such as Cope Il 30 days during the	enhagen, Grizzly, S	koal, or Camel Snu		Not available	Not available	Not availabl
lip, snus, or dis	solvable tobacco pr	oducts [such as Cope	enhagen, Grizzly, S 30 days before the	koal, or Camel Snu survey)	s], not counting	Not available	Not available	Not availabl
lip, snus, or dis ny electronic v 2N38: Percent	solvable tobacco pr apor products, on a	oducts [such as Cope Il 30 days during the currently smoked ci	enhagen, Grizzly, S 30 days before the 0.1	koal, or Camel Snu survey) 0.2	s], not counting	Not available	Not available	Not availab

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

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

		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		no currently smoked st 1 day during the 30			tobacco or			
			16.2	18.3	20.9	No linear change	Not available§	No change
		s who currently smol ays before the survey 0.1		ly (cigars, cigarillos	s, or little cigars,	No linear change	No quadratic change	No change
1.0 QNTB2: Perce	0.5 ntage of students wh	nys before the survey	0.1	0.5	0.3		No quadratic change	No change
on 20 or more of 1.0	0.5 ntage of students wh	ays before the survey	0.1	0.5	0.3		No quadratic change  No quadratic change	No change
20 or more of 1.0  2NTB2: Perce perfore the survey 17.1  2NDAYCGR:	0.5 ntage of students whey)	0.1 no currently smoked 12.4 nts who currently sm	0.1 cigarettes or cigars	0.5 (on at least 1 day d	0.3 during the 30 days			

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

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

2017 ank alcohol (at least one 7 36.4	2019 e drink of alcohol, on 29.5	2021 at least 1 day 26.3	Decreased, 2011-2021	No quadratic change	No change
7 36.4		·	Decreased, 2011-2021	No quadratic change	No change
	29.5	26.3	Decreased, 2011-2021	No quadratic change	No change
	four or more drinks on the male, within a cou	ple of hours, on at	t	Not available <sup>§</sup>	No chang
			, <b></b>		
th:	20.7 are alcohol they drank b	20.7 15.8	20.7 15.8 11.9 the alcohol they drank by someone giving it to them (during the	ne alcohol they drank by someone giving it to them (during the	20.7 15.8 11.9 Decreased, 2017-2021 Not available <sup>§</sup> are alcohol they drank by someone giving it to them (during the

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

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

	2015 tly used mariju	2017	2019	2021			
	tly used marij	uana (one or more					
		(2222 22 21020	times during the 30	0 days before the			
9.3	22.1	20.2	26.6	19.3	No linear change	No quadratic change	Decrease
or told them to	use it (countin	ig drugs such as co			Increased, 2017-2021	Not available <sup>§</sup>	No chang
					Increased, 2017-2021	Not available <sup>§</sup>	
	or told them to t, one or more t ents who ever u	for told them to use it (counting the tour told them told them told them told the tour told them told	for told them to use it (counting drugs such as cout, one or more times during their life)  15.8  ents who ever used inhalants (sniffed glue, breath	for told them to use it (counting drugs such as codeine, Vicodin, Ozet, one or more times during their life)  15.8 17.8	15.8 17.8 21.8  ents who ever used inhalants (sniffed glue, breathed the contents of aerosol spray	tor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, et, one or more times during their life)  15.8 17.8 21.8 Increased, 2017-2021  ents who ever used inhalants (sniffed glue, breathed the contents of aerosol spray	tor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, et, one or more times during their life)  15.8 17.8 21.8 Increased, 2017-2021 Not available§  ents who ever used inhalants (sniffed glue, breathed the contents of aerosol spray

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
	-		<del></del>	· · · · · · · · · · · · · · · · · · ·	· ·	:		
	age of students who	ever used ecstasy (a	also called "MDMA	a" or "Molly," one of	or more times			
		ever used ecstasy (a	also called "MDMA	a" or "Molly," one of	or more times 3.0	No linear change	Not available <sup>§</sup>	No change
during their life	age of students who		,	2.8	3.0	No linear change	Not available <sup>§</sup>	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.

# Arizona High School Survey 10-year Trend Analysis Report

xual Behaviors		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN58: Percentag	ge of students who	had sexual intercou	rse for the first time	e before age 13 year	rs .			
3.1	4.2	2.8	1.1	1.3	4.3	No linear change	Decreased, 2011-2017 Increased, 2017-2021	No change
ON60: Parcentar	re of students who	were currently sexu	ally active (had sex	ual intercourse with	at least one			
	e 3 months before		anily well to (mad sen	idai intereodise with	1 40 10450 0110			

25.2

42.4

No linear change

No linear change

No quadratic change

No quadratic change

23.8

42.9

QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students

QN62: Percentage of students who used a condom during last sexual intercourse (among students who were

16.4

51.3

25.3

51.8

**Female** 

who were currently sexually active)

15.4

48.5

18.8

48.6

currently sexually active)

No change

No change

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

2013							
2013	2015	2017	2019	2021			
	ere ever tested for	human immunode	ficiency virus (HIV)	(not counting			
d blood)			12.3	4.0	Decreased, 2019-2021	Not available§	Decreased
	ed blood)	ed blood)	ed blood)	ed blood) 12.3		2d blood) 12.3 4.0 Decreased, 2019-2021	ed blood)  12.3 4.0 Decreased, 2019-2021 Not available <sup>§</sup>

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

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

	ent and Dietary Be	enaviors Health Risk Behav	rior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN66: Percenta	ge of students who	described themselv	es as slightly or ver	y overweight	;			
33.8	31.2	35.0	39.6	37.9	38.5	Increased, 2011-2021	No quadratic change	No change
		who were overweightic reference data fro			ile for body mass			
					ile for body mass	Increased, 2011-2021	No quadratic change	No change
index, based on s 12.6 QNOBESE: Per	sex- and age-specification 12.0	14.2 who had obesity (>	the 2000 CDC gr 16.7 = 95th percentile for	rowth charts) <sup>§</sup>	17.4	Increased, 2011-2021	No quadratic change	No change
index, based on s 12.6 QNOBESE: Per	sex- and age-specification 12.0	ic reference data fro	the 2000 CDC gr 16.7 = 95th percentile for	rowth charts) <sup>§</sup>	17.4	Increased, 2011-2021 Increased, 2011-2021	No quadratic change  No quadratic change	No change
12.6  QNOBESE: Per and age-specific 6.9	12.0 recentage of students reference data from 7.1	14.2 who had obesity (> 1 the 2000 CDC gro	16.7  = 95th percentile for wth charts)  7.7	19.0  rowth charts) <sup>§</sup> 19.0  or body mass index,	17.4 based on sex-	· .		

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

<sup>§</sup>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.

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change*	Change fron 2019-2021
2011	2013	2015	2017	2019	2021			
QN68: Percent days before the		did not drink fruit ju	uice (100% fruit jui	ices one or more tin	nes during the 7			
aujs serore me	541 (0))	28.6	37.1	43.2	42.8	Increased, 2015-2021	Not available <sup>§</sup>	No change
QN69: Percent	age of students who	o did not eat fruit (on	e or more times du	ring the 7 days befo	re the survey)	, ,		
		9.4	9.9	11.6	19.6	Increased, 2015-2021	Not available	Increased
		no did not eat fruit or ays before the survey		uices (such as orang	ge juice, apple			

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

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

		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
	entage of students whople juice, or grape ju				er day (such as			
		59.4	54.1	48.4	35.3	Decreased, 2015-2021	Not available§	Decreased
	entage of students who				er day (such as			
					er day (such as	Decreased, 2015-2021	Not available	Decreased
orange juice, ap		aice, during the 7 day	ys before the surve	23.2	15.9	Decreased, 2015-2021	Not available	Decreased

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

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

		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021	_		
QN71: Percent	tage of students who	did not eat potatoes	(one or more times	during the 7 days	before the survey)			
		38.3	37.3	42.5	39.6	No linear change	Not available§	No change
								C
N72: Percent	tage of students who	did not eat carrots (o	one or more times o	luring the 7 days be	efore the survey)			
N72: Percent	tage of students who	did not eat carrots (o	one or more times of 51.5	during the 7 days be	efore the survey) 59.6	No linear change	Not available	Increased
			51.5	53.1	59.6	No linear change	Not available	

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

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

		Health Risk Behavi	or and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		who did not eat vegerots, or other vegetab						
		6.1	5.0	6.9	10.1	Increased, 2015-2021	Not available§	No change
excluding frenc		who ate vegetables of es, or potato chips],				,		
						Decreased, 2015-2021	Not available	No chang
excluding frendurvey)  QNVEG2: Perc	ch fries, fried potato	es, or potato chips],	57.6	54.2 er day (green salad,	50.3 potatoes	Decreased, 2015-2021	Not available	No chang

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		who ate vegetables thes, or potato chips],						
		15.7	12.5	11.4	9.1	Decreased, 2015-2021	Not available§	No change
		did not drink a can, t pop, one or more ti				-		
	31.7	32.2	32.2	36.1	28.1	No linear change	No change, 2011-2017 No change, 2017-2021	Decreased
28.7								
QNSODA1: Pe		who drank a can, be counting diet soda o				-		

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		s who drank a can, b counting diet soda o						
		9.3		•	•	D		
11.2	10.4	9.3	8.1	7.1	5.3	Decreased, 2011-2021	No quadratic change	No change
		,			5.3	Decreased, 2011-2021	No quadratic change	No chang
		did not drink milk (			45.8	Increased, 2017-2021	No quadratic change  Not available <sup>§</sup>	No chang
ON75: Percenta ONMILK1: Per Irank in a glass	age of students who	who drank one or non, or with cereal and	during the 7 days b 32.6 nore glasses per day	efore the survey) 44.0  v of milk (counting)	45.8 the milk they	Increased, 2017-2021		

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
drank in a glass		who drank three or on, or with cereal and re the survey)				I		
to one glass, du	ing the 7 days belo.	te the survey)						
to one glass, du	ring the 7 days belo.	e die sarvey)	3.2	2.9	1.7	No linear change	Not available <sup>§</sup>	No change
-		did not eat breakfas				No linear change	Not available <sup>§</sup>	No change
-						No linear change  Increased, 2013-2021	Not available <sup>§</sup> Not available	No change
QN76: Percent	age of students who	did not eat breakfas	t (during the 7 days	s before the survey) 19.4	25.9			

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	activity that increase	were physically acti sed their heart rate a						
38.8	33.2	40.0	38.1	40.4	34.0	No linear change	No quadratic change	No change
east 1 day (in a he time during	ny kind of physical the 7 days before th	<del>-</del> '	ed their heart rate a	nd made them breat	the hard some of			
17.5	19.8	17.3	19.4	19.9	24.7	Increased, 2011-2021	No quadratic change	No change
			,		11.7.1. (			
	sical activity that in	nts who were physica creased their heart ra						

<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.

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
	age of students who were in school)	attended physical ed	lucation (PE) classe	es on 1 or more day	s (in an average			
34.4	31.3	34.0	38.8	38.6	26.7	No linear change	No quadratic change	Decreased
	rcentage of students were in school) 18.5	who attended phys.	cal education (PE)	classes on all 5 day 26.1	rs (in an average	No linear change	No quadratic change	No change
	nge of students who ng the 12 months be	had a concussion from the survey)	om playing a sport	or being physically	active (one or			
nore times durii								

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

		Health Risk Beha	vior and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2019-202
2011	2013	2015	2017	2019	2021			
			a check-up, exam, te	eth cleaning, or other	er dental work,			
	nonths before the sur	ruau)						
uring the 12 h	ionins before the sui	(vey)						_
uring the 12 n	iontiis before the sui	(vey)		77.2	70.9	Decreased, 2019-2021	Not available <sup>§</sup>	Decrease
NNODNT: F			dentist (for a check-			Decreased, 2019-2021	Not available <sup>§</sup>	Decrease
NNODNT: F			dentist (for a check-	-up, exam, teeth clea	ning, or other	·		
NNODNT: F			dentist (for a check-			Decreased, 2019-2021  No linear change	Not available <sup>§</sup> Not available	
NNODNT: Fental work)	Percentage of studen	ts who never saw a	dentist (for a check-	-up, exam, teeth clea	ning, or other	·		Decrease No chang

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

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

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

e-Added		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN88: Percenta 30 days before t		carried a weapon (su	ich as a gun, knife,	or club, on at least	1 day during the			
7.9	9.8	10.2	9.0	9.0	13.4	Increased, 2011-2021	No quadratic change	No change
		electronically bullie l media, during the l			n texting,	No linear change	Not available <sup>§</sup>	No change
		did something to pu rpose one or more ti						
24.6	27.9	26.4	27.7	25.8	42.3	Increased, 2011-2021	No change, 2011-2017 Increased, 2017-2021	Increased

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

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

# Arizona High School Survey 10-year Trend Analysis Report

	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2013	2015	2017	2019	2021			
		om with someone v	who was smoking c	igarettes (on at			
42.1	41.0	32.5	28.6	31.5	Decreased, 2011-2021	No quadratic change	No change
		about smoking ciga	93.2	ome where they	No linear change	Increased, 2011-2017 Decreased, 2017-2021	Decreased
				"crystal meth,"			
	-	1.1	1.0	0.9	No linear change	Not available§	No change
	e of students who the 7 days before 42.1  ge of students who wed inside their he 87.3  ge of students who	2013 2015  e of students who were in the same room the 7 days before the survey) 42.1 41.0  ge of students who described the rule wed inside their home 87.3 91.7  ge of students who currently used met	2013  2015  2017  e of students who were in the same room with someone with the 7 days before the survey)  42.1  41.0  32.5  ge of students who described the rule about smoking cigatived inside their home  87.3  91.7  92.6  ge of students who currently used methamphetamines (al "meth," one or more times during the 30 days before the	2013 2015 2017 2019  e of students who were in the same room with someone who was smoking c the 7 days before the survey) 42.1 41.0 32.5 28.6  ge of students who described the rule about smoking cigarettes inside the howed inside their home 87.3 91.7 92.6 93.2  ge of students who currently used methamphetamines (also called "speed," "meth," one or more times during the 30 days before the survey)	2013 2015 2017 2019 2021  e of students who were in the same room with someone who was smoking cigarettes (on at the 7 days before the survey)  42.1 41.0 32.5 28.6 31.5  ge of students who described the rule about smoking cigarettes inside the home where they wed inside their home  87.3 91.7 92.6 93.2 88.0  ge of students who currently used methamphetamines (also called "speed," "crystal meth," "meth," one or more times during the 30 days before the survey)	2013 2015 2017 2019 2021  e of students who were in the same room with someone who was smoking cigarettes (on at the 7 days before the survey)  42.1 41.0 32.5 28.6 31.5 Decreased, 2011-2021  ge of students who described the rule about smoking cigarettes inside the home where they wed inside their home  87.3 91.7 92.6 93.2 88.0 No linear change  ge of students who currently used methamphetamines (also called "speed," "crystal meth," "meth," one or more times during the 30 days before the survey)	e of students who were in the same room with someone who was smoking cigarettes (on at the 7 days before the survey)  42.1 41.0 32.5 28.6 31.5 Decreased, 2011-2021 No quadratic change ge of students who described the rule about smoking cigarettes inside the home where they wed inside their home  87.3 91.7 92.6 93.2 88.0 No linear change Increased, 2011-2021 ge of students who currently used methamphetamines (also called "speed," "crystal meth," "meth," one or more times during the 30 days before the survey)

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

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		o attended school ur re times during the 1			legal drugs (such			
18.4	16.9	12.8	14.7	19.3	13.9	No linear change	No quadratic change	No change
N104: Percent	tage of students wh	o saw a doctor or nu	rse (for a check-up	or physical evam v	when they were			
		o saw a doctor or nu onths before the surv		or physical exam v	when they were 55.2	Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
ot sick or injure	ed during the 12 mo	onths before the surv	62.2	62.9	55.2	Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
ot sick or injure	ed during the 12 mo	onths before the surv	62.2	62.9	55.2	Decreased, 2017-2021  Increased, 2017-2021	Not available <sup>§</sup> Not available	Decreased No change
ot sick or injure  N105: Percent  uring the 30 da	tage of students wheys before the survey	onths before the surv	62.2 ol because they wer 54.5	62.9 re sick or in pain (at	55.2 least one day 63.4	Increased, 2017-2021		

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

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

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

emaie te-Added		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN107: Percent months or more)		o have long-term en	notional problems o	or learning disabiliti	es (meaning 6			
			19.5	23.2	27.8	Increased, 2017-2021	Not available <sup>§</sup>	No change
		o most of the time o		gry because there wa	as not enough			
				3.8	4.9	No linear change	Not available	No change
QN109: Percent months before the		o described their gra	ndes in school as mo	ostly A's or B's (dur	ring the 12			
70.1	73.6	75.1	72.8	73.4	65.7	No linear change	No change, 2011-2015 Decreased, 2015-2021	No change

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

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

# **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 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
						•		
QN8: Percentage	e of students who di	id not always wear	a seat belt (when ric	ding in a car driven	by someone else)			
QN8: Percentage	e of students who di	id not always wear 42.4	a seat belt (when rid 40.3	ding in a car driven 38.9	by someone else) 38.0	No linear change	No quadratic change	No chang
44.3  QN9: Percentage	39.5	42.4	40.3 ho had been drinkin	38.9	38.0	No linear change	No quadratic change	No chang

3.2

2.9

Decreased, 2013-2021

Not available

10.5

7.1

the 30 days before the survey)

9.2

No change

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		texted or e-mailed v y, among students w						
luring the 30 da			no nad directi a cai	of other venicle de	iring the 50 days			
during the 30 da before the surve		,, ,						
		, C		44.8	48.6	No linear change	Not available¶	No chang
Operation of the surve	y)	carried a weapon or	n school property (s			No linear change	Not available <sup>¶</sup>	No chang
Operation of the surve	y) ge of students who	carried a weapon or	n school property (s			No linear change	Not available¶  No quadratic change	No chang
QN12: Percenta east 1 day durir 5.4	ge of students who g the 30 days befor 4.6	carried a weapon or e the survey) 4.6	3.7	such as a gun, knife. 4.6	or club, on at			
QN12: Percental east 1 day during 5.4  QN13: Percental	ge of students who g the 30 days befor 4.6	carried a weapon or e the survey)	3.7 ounting the days w	such as a gun, knife,  4.6  hen they carried a g	or club, on at 5.6 un only for			

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

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

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

		Health Risk Beha	vior and Percenta	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §		
2011	2013	2015	2017	2019	2021	<u> </u>		
•	C	did not go to schoo	•	insafe at school or o	on their way to or			
•	C	did not go to schoo g the 30 days before 4.5	•	unsafe at school or o	on their way to or	Increased, 2011-2021	No quadratic change	No chang
from school (on a 3.9  QN15: Percentag	7.1 ge of students who	g the 30 days before	7.8 injured with a wear	12.0	10.1	Increased, 2011-2021	No quadratic change	No chang

25.1

15.8

No linear change

No quadratic change

survey)

24.2

20.5

19.8

20.4

Decreased

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

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

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)  12.2 14.0 No linear change Not available No of QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically	jury and Viole		Health Risk Beha		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §		
8.9 11.1 8.0 7.1 8.4 10.5 No linear change No quadratic change No QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)  12.2 14.0 No linear change Not available No QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically	2011	2013	2015	2017	2019	2021	_		
QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)  12.2 14.0 No linear change Not available No of QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically	-	age of students who	were ever physicall	y forced to have se	xual intercourse (w	hen they did not			
[counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)  12.2 14.0 No linear change Not available No compared to have sexual intercourse that they did not want to do, one or more times during the 12 months before the survey)  12.2 14.0 No linear change Not available No compared to have sexual data to do sexual things [counting such things as kissing, touching, or being physically]	8.9	11.1	8.0	7.1	8.4	10.5	No linear change	No quadratic change	No change
lating or going out with to do sexual things [counting such things as kissing, touching, or being physically	counting such	things as kissing, tou	ching, or being phy	sically forced to ha	ive sexual intercour				
forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)	counting such	things as kissing, tou	ching, or being phy	sically forced to ha	ive sexual intercour	se] that they did			

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

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

		Health Risk Beha		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §		
2011	2013	2015	2017	2019	2021			
someone they v	vere dating or going	experienced physic out with [counting s	such things as being		something, or			
		ne during the 12 mor			among students			
					9.2	No linear change	Not available <sup>¶</sup>	No chang
who dated or w	ent out with someon		nths before the surve	6.1	9.2	No linear change	Not available <sup>¶</sup>	No chang
who dated or w	ent out with someon	ne during the 12 mor	nths before the surve	6.1	9.2	No linear change  No linear change	Not available <sup>¶</sup> Not available	No chang No chang
Nho dated or w QN23: Percent survey)	age of students who	ne during the 12 mor	according to the survivation of	ey) 6.1 during the 12 month 21.9 eeing bullied throug	9.2  ns before the  22.1			

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

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

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

White\*

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN26: Percenta survey)	ge of students who	seriously considered	d attempting suicide	e (during the 12 mo	nths before the			
16.7	20.1	17.0	18.4	22.0	26.2	Increased, 2011-2021	No quadratic change	No change
QN27: Percenta before the survey		made a plan about l	now they would atte	empt suicide (during	g the 12 months			
14.6	17.0	15.1	13.8	18.1	18.3	No linear change	No quadratic change	No change
QN28: Percenta	ge of students who	actually attempted s	suicide (one or more	e times during the 1	2 months before			
7.2	10.7	8.1	7.7	9.4	9.0	No linear change	No quadratic change	No change

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

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

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN31: Percenta	age of students who	first tried cigarette s	moking before age	13 years (even one	or two puffs)			
			5.6	6.6	6.8	No linear change	Not available¶	No chang
	age of students who	currently smoked ci	garettes (on at least	t 1 day during the 3	0 days before the	Decreased, 2011-2021	No quadratic change	Decrease
urvey) 19.0  ONFRCIG: Per	15.4	•	7.4	6.9	3.2	Decreased, 2011-2021	No quadratic change	Decrease
urvey) 19.0  NFRCIG: Per	15.4	10.6	7.4	6.9	3.2	Decreased, 2011-2021  Decreased, 2011-2021	No quadratic change	Decrease No chang
urvey) 19.0 QNFRCIG: Per 80 days before t 7.4	15.4 recentage of students he survey) 6.8 Percentage of studen	10.6 who currently smok	7.4 ed cigarettes freque	6.9 ently (on 20 or mor 0.7	3.2 e days during the 0.1			

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

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

Vhite* obacco Use								
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		o ever used an electro pens, and mods [such						
pens, e ergars, e	7 Hookans, Hookan j	51.2	50.9	48.9	39.3	Decreased, 2015-2021	Not available¶	Decreased
						,		
	gars, e-hookahs, hoo	o currently used an elockah pens, and mods						,
	ng the 30 days belo	Te the survey)						
least 1 day duri	ng the 30 days belo	29.8	21.7	22.6	20.5	Decreased, 2015-2021	Not available	No chang
least I day duri		29.8				Decreased, 2015-2021	Not available	No chang

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

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

	Health Risk Behav	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2013	2015	2017	2019	2021			
ercentage of studer e the survey)	nts who currently use	ed electronic vapor	products daily (on	all 30 days during			
	2.4	5.8	9.7	7.4	Increased, 2015-2021	Not available¶	No change
		cigarettes or used e	electronic vapor pro	ducts (on at leas	t		
	31.3	23.4	22.9	20.4	Decreased, 2015-2021	Not available	No change
	ercentage of stude e the survey)	2013 2015  ercentage of students who currently use the survey)  2.4  age of students who currently smoked and days before the survey)	2013 2015 2017  ercentage of students who currently used electronic vapor e the survey)  2.4 5.8  age of students who currently smoked cigarettes or used e 30 days before the survey)	ercentage of students who currently used electronic vapor products daily (on e the survey)  2.4 5.8 9.7  age of students who currently smoked cigarettes or used electronic vapor pro 30 days before the survey)	2013 2015 2017 2019 2021  ercentage of students who currently used electronic vapor products daily (on all 30 days during the survey)  2.4 5.8 9.7 7.4  age of students who currently smoked cigarettes or used electronic vapor products (on at least 30 days before the survey)	2013 2015 2017 2019 2021  ercentage of students who currently used electronic vapor products daily (on all 30 days during e the survey)  2.4 5.8 9.7 7.4 Increased, 2015-2021  age of students who currently smoked cigarettes or used electronic vapor products (on at least 30 days before the survey)	2013 2015 2017 2019 2021  ercentage of students who currently used electronic vapor products daily (on all 30 days during e the survey)  2.4 5.8 9.7 7.4 Increased, 2015-2021 Not available age of students who currently smoked cigarettes or used electronic vapor products (on at least 30 days before the survey)

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

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

hite* obacco Use								
		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
dip, snus, or dis	solvable tobacco pro	who currently used oducts [such as Cope or more days during the content of the content of the current of the content of the co	enhagen, Grizzly, Sl	koal, or Camel Snu				
			1.0	0.8	0.1	No linear change	Not available <sup>¶</sup>	No change
lip, snus, or dis	solvable tobacco pro	nts who currently us oducts [such as Cope 1 30 days during the	enhagen, Grizzly, Sl	koal, or Camel Snu				
			0.7	0.7	0.1	No linear change	Not available	No chang
	age of students who	currently smoked ci	gars (cigars, cigaril	los, or little cigars,	on at least 1 day			
16.9	13.4	11.1	7.2	5.4	0.9	Decreased, 2011-2021	Decreased, 2011-2015 Decreased, 2015-2021	Decrease

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

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

hite* obacco Use								
		Health Risk Behav	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §			
2011	2013	2015	2017	2019	2021			
		no currently smoked st 1 day during the 3			tobacco or			
			05.4	23.5	20.5	No linear change	Not available¶	No chang
			25.4	23.3	20.3	No ililear change	Not available	No chang
		s who currently smol ays before the survey 0.7	ked cigars frequent			Decreased, 2011-2021	No quadratic change	
on 20 or more d  1.4  QNTB2: Percei	0.7 ntage of students wh	ays before the survey	ked cigars frequent (7) 0.4	ly (cigars, cigarillos 0.2	s, or little cigars,	Decreased, 2011-2021		
on 20 or more d	0.7 ntage of students wh	ays before the survey	ked cigars frequent (7) 0.4	ly (cigars, cigarillos 0.2	s, or little cigars,	Decreased, 2011-2021		No chang  Decrease
20 or more d 1.4  QNTB2: Percer perfore the surve 24.4  QNDAYCGR:	ntage of students whey)	0.7  no currently smoked  16.0  nts who currently sn	ked cigars frequently) 0.4 cigarettes or cigars 10.4	0.2 (on at least 1 day of 9.3	o.1  during the 30 days  3.7	Decreased, 2011-2021	No quadratic change	No chang

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

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

White*			
Alcohol and	Other	Drug	Use

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	age of students who	currently drank alco	ohol (at least one dr	ink of alcohol, on a	t least 1 day			
44.2	35.7	41.7	35.0	29.2	23.9	Decreased, 2011-2021	No quadratic change	No change
f they were fem		currently were bing drinks of alcohol in e the survey)				Decreased, 2017-2021	Not available¶	No change
f they were femeast 1 day durin	age of students who	drinks of alcohol in	20.0 a row if they were to 20.0 hol they drank by so	male, within a coup	le of hours, on at	,	Not available¶	No change

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

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

		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN47: Percenta survey)	ge of students who	currently used mari	juana (one or more	times during the 30	days before the			
22.9	22.2	21.8	18.2	25.6	16.4	No linear change	No quadratic change	Decreased
differently than l	how a doctor told th	ever took prescripti em to use it (counti more times during t	ng drugs such as co			No linear change	Not available¶	No change

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

2015	2017	2019	2021			
·						
ever used ecstasy (a	also called "MDMA	A" or "Molly," one o	or more times			
		3.5	2.4	No linear change	Not available¶	No chang
,	were offered, sold,	were offered, sold, or given an illegal		3.5 2.4 were offered, sold, or given an illegal drug on school property (during the		

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

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

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

White\*

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
N58: Percenta	age of students who	had sexual intercou	rse for the first time	e before age 13 year	rs			
3.5	4.3	1.7	1.9	1.5	2.1	Decreased, 2011-2021	No quadratic change	No change
	age of students who he 3 months before		ally active (had sex	tual intercourse with	h at least one			
35.5	31.6	28.2	23.8	24.6	22.0	Decreased, 2011-2021	No quadratic change	No chang
35.5 QN61: Percenta	31.6  age of students who ntly sexually active)	drank alcohol or use			,	Decreased, 2011-2021	No quadratic change	No chang
35.5 QN61: Percenta	age of students who	drank alcohol or use			,	Decreased, 2011-2021  No linear change	No quadratic change	No chang
35.5 QN61: Percenta who were currer 24.4	age of students who ntly sexually active) 22.5 age of students who	drank alcohol or use 26.6	ed drugs before last	sexual intercourse 22.9	(among students			

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

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

						† Quadratic Change <sup>†</sup>	
2013	2015	2017	2019	2021			
	vere ever tested for	human immunode	ficiency virus (HIV)	) (not counting			
			12.6	5.4	Decreased, 2019-2021	Not available¶	Decrease
	ed blood) tudents who v	ed blood)  tudents who were tested for a se	ed blood)	ed blood) 12.6		ed blood) 12.6 5.4 Decreased, 2019-2021	ed blood)  12.6 5.4 Decreased, 2019-2021 Not available ¶

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

/hite* /eight Managem	ent and Dietary B	ehaviors						
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	<u> </u>		
QN66: Percenta	ge of students who	described themselve	es as slightly or ver	y overweight	<del>,</del>			
26.6	21.5	28.2	25.8	28.1	30.7	No linear change	No quadratic change	No change
		ho were overweight c reference data fro			tile for body mass			,
10.7	9.1	12.0	13.6	14.4	15.7	Increased, 2011-2021	No quadratic change	No change
		who had obesity (> the 2000 CDC gro		or body mass index	, based on sex-			
8.2	5.9	9.0	7.1	8.4	10.1	No linear change	No quadratic change	No change
ON67: Percenta	ge of students who	were trying to lose	weight					
43.2	42.5	44.6	38.6	44.2	39.2	No linear change	No quadratic change	No chang

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

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

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

Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

		Health Risk Behav	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN68: Percent lays before the		o did not drink fruit ju	nice (100% fruit jui	ces one or more tim	nes during the 7			
		28.4	35.2	41.2	40.1	Increased, 2015-2021	Not available <sup>¶</sup>	No chang
N69: Percent	age of students who	o did not eat fruit (one	e or more times dur	ing the 7 days before	re the survey)	, , , , , , , , , , , , , , , , , , , ,		
N69: Percent	age of students who	o did not eat fruit (one	e or more times dur	ing the 7 days before	re the survey)	Increased, 2015-2021	Not available	Increase
QNFR0: Perce	ntage of students w		13.0 drink 100% fruit ju	11.2	18.2	Increased, 2015-2021	Not available	Increase

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
g- J,p		61.1	54.9	51.5	45.1	Decreased, 2015-2021	Not available¶	No change
		to ate fruit or drank latice, during the 7 day			er day (such as	Decreased, 2015-2021	Not available	No change
orange juice, ap	ople juice, or grape j	uice, during the 7 day	ys before the survey 22.8	24.4	20.2	Decreased, 2015-2021	Not available	No change

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
N71: Percent	age of students who	did not eat potatoes	(one or more times	during the 7 days l	pefore the survey)			
		33.5	31.2	38.9	34.5	No linear change	Not available <sup>¶</sup>	No chang
N72: Percent	age of students who	did not eat carrots (e				No linear change	Not available <sup>¶</sup>	No chang
N72: Percent	age of students who					No linear change  No linear change	Not available¶	No chang
		did not eat carrots (o	one or more times of 51.8	luring the 7 days be	efore the survey) 53.3			,

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

		Health Risk Behav	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §	
2011	2013	2015	2017	2019	2021				
-		4.3	5.9	5.1	7.9	Increased, 2015-2021	Not available¶	No change	
excluding frenc		who ate vegetables o es, or potato chips],				2			
[excluding frenc						No linear change	Not available	No chang	
[excluding frend survey)  QNVEG2: Percent	centage of students	es, or potato chips],	61.0	getables, during the 63.1 er day (green salad,	7 days before the 57.4 potatoes	No linear change	Not available	No chang	

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

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

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		who ate vegetables thes, or potato chips],						
		14.2	12.2	13.0	10.9	No linear change	Not available¶	No change
		did not drink a can, et pop, one or more ti						,
	27.9	31.0	26.4	30.8	24.2	No linear change	No quadratic change	Decrease
25.4								
QNSODA1: Pe		s who drank a can, be counting diet soda o						

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	centage of students	who drank a can, b	ottle, or glass of so	da or pop two or me	ore times per day			
and Cales D			الاحدثينية محميلات	h - 7 dassa h - fama 41-				
such as Coke, P	epsi, or Sprite, not	counting diet soda o	or diet pop, during the	he 7 days before the	e survey)			
such as Coke, P	epsi, or Sprite, not	counting diet soda o	or diet pop, during the	he 7 days before the	e survey) 6.5	Decreased, 2011-2021	No quadratic change	No change
17.0	10.4	9.6		7.2	•	Decreased, 2011-2021	No quadratic change	No change
17.0	10.4	9.6	10.4	7.2	•	Decreased, 2011-2021  Increased, 2017-2021	No quadratic change  Not available	No change
17.0 DN75: Percenta	10.4 ge of students who	9.6 did not drink milk (	10.4 (during the 7 days b 23.8	7.2 efore the survey) 33.8	30.7			
17.0  QN75: Percenta  QNMILK1: Perdrank in a glass of	ge of students who	9.6  did not drink milk ( who drank one or ron, or with cereal an	10.4 (during the 7 days b	7.2 efore the survey) 33.8	6.5 30.7 the milk they	Increased, 2017-2021		

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	ercentage of students or cup, from a carto	on, or with cereal and						
o one glass, du	ring the / days before	ie tile survey)						No change
o one glass, du	ring the 7 days befor	te tile survey)	8.4	5.5	5.6	No linear change	Not available¶	No chang
	age of students who				5.6	No linear change	Not available <sup>¶</sup>	No chang
o one glass, du					5.6	No linear change	Not available <sup>¶</sup> Not available	No change
QN76: Percent	age of students who	did not eat breakfas	t (during the 7 days	before the survey) 16.2	16.8			

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

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

		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	activity that increas	were physically acti sed their heart rate a						
49.6	41.6	47.1	49.9	51.9	47.9	No linear change	No quadratic change	No change
least 1 day (in ar		nts who did not partiactivity that increase e survey)						
least 1 day (in ar	ny kind of physical	activity that increase				No linear change	No quadratic change	No chang
least 1 day (in ar the time during t 13.2 QNPA7DAY: P	ny kind of physical and the 7 days before the 18.3  Percentage of student sical activity that income	activity that increase e survey)	d their heart rate at 11.7	15.3  0 minutes per day	he hard some of  14.5  on all 7 days (in	No linear change	No quadratic change	No chang

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

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

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
QN79: Percenta week when they	ge of students who were in school)	attended physical e	ducation (PE) classe	es on 1 or more day	rs (in an average			
39.2	35.0	36.9	42.5	41.5	36.0	No linear change	No quadratic change	No change
QNDLYPE: Per week when they	centage of students were in school)	who attended phys	ical education (PE)	classes on all 5 day	vs (in an average			
28.9	21.6	27.6	34.6	28.4	27.4	No linear change	No quadratic change	No change
	ge of students who		om playing a sport	or being physically	active (one or			
				14.9	15.9	No linear change	Not available¶	No change

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

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

		Health Risk Beha	avior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
)N84· Percent	tage of students who	saw a dentist (for a	ı check-up, exam, te	eth cleaning, or other	er dental work,	,		
	nonths before the sur							
				79.7	77.3	No linear change	Not available¶	No chang
uring the 12 n		rvey)	dentist (for a check-			No linear change	Not available <sup>¶</sup>	No chang
uring the 12 n	nonths before the sur	rvey)	dentist (for a check-	up, exam, teeth clea	uning, or other			
NNODNT: I	nonths before the sur	rvey)	dentist (for a check-			No linear change	Not available <sup>¶</sup> Not available	
NNODNT: Fental work)	nonths before the sur	ts who never saw a		up, exam, teeth clea	uning, or other			No chang

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN88: Percenta 30 days before the		carried a weapon (so	uch as a gun, knife,	or club, on at least	1 day during the			
18.5	17.3	20.8	19.6	21.6	22.5	No linear change	No quadratic change	No change
		electronically bullie I media, during the			texting,			
tagram, Facel	book, or other socia		6.8 rposely hurt themse	6.7 elves without wanti	10.8	Increased, 2017-2021	Not available¶	Increase

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

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

	Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2013	2015	2017	2019	2021			
		om with someone v	vho was smoking c	igarettes (on at			
44.8	40.7	35.4	32.4	33.0	Decreased, 2011-2021	No quadratic change	No change
		about smoking ciga	arettes inside the ho	me where they			
88.4	90.9	93.8	91.3	89.8	No linear change	Increased, 2011-2017 No change, 2017-2021	No change
3	ge of students who g the 7 days before 44.8 age of students who wed inside their ho	2013 2015  ge of students who were in the same room the 7 days before the survey)  44.8 40.7  age of students who described the rule wed inside their home	2013 2015 2017  ge of students who were in the same room with someone very the 7 days before the survey)  44.8 40.7 35.4  age of students who described the rule about smoking cigarwed inside their home	ge of students who were in the same room with someone who was smoking content to the 7 days before the survey)  44.8 40.7 35.4 32.4  age of students who described the rule about smoking cigarettes inside the howed inside their home	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at g the 7 days before the survey)  44.8 40.7 35.4 32.4 33.0  age of students who described the rule about smoking cigarettes inside the home where they wed inside their home	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at a the 7 days before the survey)  44.8 40.7 35.4 32.4 33.0 Decreased, 2011-2021  age of students who described the rule about smoking cigarettes inside the home where they wed inside their home	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at the 7 days before the survey)  44.8 40.7 35.4 32.4 33.0 Decreased, 2011-2021 No quadratic change age of students who described the rule about smoking cigarettes inside the home where they wed inside their home  88.4 90.9 93.8 91.3 89.8 No linear change Increased, 2011-2017

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

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

e-Added		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
		o attended school un e times during the 1			legal drugs (such			
19.8	18.9	13.1	13.1	18.5	12.0	Decreased, 2011-2021	No quadratic change	Decrease
		o saw a doctor or nu nths before the surv		or physical exam w	hen they were			
			66.4	65.8	54.1	Decreased, 2017-2021	Not available¶	Decrease
	tage of students who	o did not go to school	ol because they wer	e sick or in pain (at	least one day			
			49.9	55.4	58.2	Increased, 2017-2021	Not available	No chang
QN106: Percent or more)	tage of students who	o have physical disa	bilities or long-tern	n health problems (	meaning 6 months			
			15.8	13.5	16.3	No linear change	Not available	No chan

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

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

/hite* ite-Added		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN107: Percen months or more		no have long-term em	notional problems o	r learning disabiliti	es (meaning 6			
			19.5	24.6	26.6	No linear change	Not available <sup>¶</sup>	No change
		no most of the time or lays before the survey		ry because there wa	as not enough			·
				3.5	3.8	No linear change	Not available	No chang
QN109: Percen		no described their gra	des in school as mo	ostly A's or B's (dur	ring the 12			;
76.1	73.6	77.4	77.1	77.2	72.9	No linear change	No quadratic change	No chang

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
N8: Percentag	ge of students who d	id not always wear	a seat belt (when ri	ling in a car driven	by someone else)			
59.1	48.8	52.8	58.7	47.6	53.9	No linear change	No quadratic change	No chang
N9: Percentag	ge of students who re	52.8  ode with a driver what was before the survey.	no had been drinkin			No linear change	No quadratic change	No chang
N9: Percentag	ge of students who re	ode with a driver wl	no had been drinkin			No linear change  No linear change	No quadratic change  Not available	No chang
QN9: Percentagone or more time	ge of students who researches during the 30 day	ode with a driver who seed the survey of the survey of carried a weapon or	no had been drinkin	g alcohol (in a car o	or other vehicle,			

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

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

	nce							
		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		carried a gun (not co						
			9.1	4.3	4.6	No linear change	Not available¶	No chang
		did not go to school g the 30 days before		insafe at school or o	n their way to or			
13.8	12.1	8.1	16.9	11.5	10.6	No linear change	No quadratic change	No chang

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

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

Black*		
Injury	and	Violence

201:						
2013	5 2017	2019	2021			
its who were in a p	hysical fight (one or more	times during the 12 r	months before the			
0 28	.6 24.4	27.0	22.4	No linear change	No quadratic change	No change
its who were ever j	physically forced to have s	sexual intercourse (wh	hen they did not			
9 8.	1 10.5	6.2	5.5	Decreased, 2011-2021	No quadratic change	No change
n	nts who were ever p.9 8.	nts who were ever physically forced to have so	.0 28.6 24.4 27.0  Ints who were ever physically forced to have sexual intercourse (where ever physically forced to have sexual intercourse).  9 8.1 10.5 6.2	nts who were ever physically forced to have sexual intercourse (when they did not 9 8.1 10.5 6.2 5.5 ants who experienced sexual violence (being forced by anyone to do sexual things	nts who were ever physically forced to have sexual intercourse (when they did not  9 8.1 10.5 6.2 5.5 Decreased, 2011-2021  Ints who experienced sexual violence (being forced by anyone to do sexual things	28.6 24.4 27.0 22.4 No linear change No quadratic change nts who were ever physically forced to have sexual intercourse (when they did not 9 8.1 10.5 6.2 5.5 Decreased, 2011-2021 No quadratic change nts who experienced sexual violence (being forced by anyone to do sexual things

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

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

		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
dating or going forced to have s	out with to do sexu sexual intercourse]	o experienced sexual nal things [counting so that they did not wan ated or went out with	ich things as kissing to do, one or more	g, touching, or bein times during the 1	g physically 2 months before			
				2.2	9.7	No linear change	Not available¶	No change
	vere dating or going	o experienced physica g out with [counting s	uch things as being	hit, slammed into s	something, or			
injured with an		one or more times du ne during the 12 mon			0.0	Not available	Not available	Not availab
injured with an who dated or w	ent out with someo		ths before the surve	4.0	0.0	Not available	Not available	Not availab

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

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

	nce	Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	age of students who book, or other socia				h texting,			
			16.9	11.8	11.2	No linear change	Not available¶	No change
survey)	age of students who	•		· -				
	age of students who 31.4	seriously considered	attempting suicide 20.4	e (during the 12 mo	nths before the 24.5	No linear change	No quadratic change	No chang
17.3	31.4 age of students who	12.3	20.4	22.5	24.5	No linear change	No quadratic change	No chang
17.3  QN27: Percent	31.4 age of students who	12.3	20.4	22.5	24.5	No linear change  No linear change	No quadratic change  No change, 2011-2017  No change, 2017-2021	No chang No chang
20.0	31.4 age of students who ey)	12.3 made a plan about h	20.4 now they would atte	22.5 empt suicide (during	24.5 g the 12 months 25.5		No change, 2011-2017	

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

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

ack* obacco Use								
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN31: Percenta	ge of students who	first tried cigarette s	smoking before age	13 years (even one	e or two puffs)			
					7.0	No linear shares	Not available¶	No change
			9.2	6.0	7.8	No linear change	Not available	140 chang
			9.2	6.0	7.8	No linear change	rvot available	140 chang
	ge of students who	currently smoked ci	:		:	No finear change	Not available	Two chang
	ge of students who	currently smoked ci	:		:	Not available	Not available	
survey) 20.6	14.6	•	garettes (on at least	1 day during the 3	0.0 days before the	-		Not availab
survey) 20.6  QNFRCIG: Pero	14.6	5.8	garettes (on at least	1 day during the 3	0.0 days before the	-		Not availal
survey) 20.6  QNFRCIG: Pero 30 days before the second seco	14.6 centage of students he survey) 3.5 ercentage of studer	5.8 who currently smok	garettes (on at least 4.6  red cigarettes freque 0.0	1.0 1.0 ently (on 20 or mor	0.0 days before the 0.0 days during the 0.0	Not available	Not available	

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

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

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	<u> </u>		
		ever used an electro ens, and mods [such						
pens, e-eigais, e	c-nookans, nookan p					X 11 1	AT	X . 1
		37.9	51.9	45.0	40.3	No linear change	Not available¶	No change
vape pens, e-cig		currently used an elockah pens, and mods re the survey)						
vape pens, e-cig	gars, e-hookahs, hoo	kah pens, and mods				No linear change	Not available	No change
vape pens, e-cig least 1 day duri QNFREVP: Pe	gars, e-hookahs, hoo ng the 30 days befor	okah pens, and mods re the survey) 19.2 s who currently used	such as JUUL, SM	IOK, Suorin, Vuse,	and blu], on at	No linear change	Not available	No change

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

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

## 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 2019-2021 §
2011	2013	2015	2017	2019	2021	-		
QNDAYEVP: the 30 days bef		nts who currently us	ed electronic vapor	products daily (on	all 30 days during			

7.9

14.4

QN37: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

12.1

22.3

4.3 0.7 0.0 Not available Not available Not available

Decreased, 2015-2021

Not available

No change

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

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

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

Not enough years of data to calculate.

ack* bacco Use								
		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
dip, snus, or diss	solvable tobacco pro	who currently used oducts [such as Cope	enhagen, Grizzly, S	koal, or Camel Snu				
my electronic va	apor products, on 20	or more days durir	ig the 30 days before	e the survey)				
iny electronic va	apor products, on 20	or more days durir	0.0	0.0	0.0	Not available	Not available¶	Not availal
QNDAYSKL: I	Percentage of studer solvable tobacco pro	nts who currently us oducts [such as Cop. 1 30 days during the	0.0 ed smokeless tobac enhagen, Grizzly, S	0.0 co daily (chewing to koal, or Camel Snu	obacco, snuff,	Not available	Not available <sup>¶</sup>	Not availal
QNDAYSKL: I	Percentage of studer solvable tobacco pro	nts who currently us	0.0 ed smokeless tobac enhagen, Grizzly, S	0.0 co daily (chewing to koal, or Camel Snu	obacco, snuff,	Not available  Not available	Not available <sup>¶</sup> Not available	Not availal
QNDAYSKL: I lip, snus, or dissumy electronic variation of the control of the cont	Percentage of studer solvable tobacco pro apor products, on al	nts who currently us oducts [such as Cop 1 30 days during the currently smoked co	0.0  ed smokeless tobacenhagen, Grizzly, S 30 days before the 0.0	0.0  co daily (chewing to koal, or Camel Snu survey)  0.0	obacco, snuff, s], not counting  0.0			

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

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

lack* obacco Use								
		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	ntage of students wh products (on at leas				tobacco or			
				40.5			NT . 21.11.5	NT 1
			12.2	12.5	7.9	No linear change	Not available¶	No chang
	ercentage of students lays during the 30 da 2.9		ked cigars frequent			No linear change  Not available	Not available  Not available	
on 20 or more d 3.6  QNTB2: Percei	2.9	ys before the survey 0.0	xed cigars frequent ) 1.2	ly (cigars, cigarillos 0.7	s, or little cigars,			
on 20 or more d 3.6  QNTB2: Percei	2.9	ys before the survey 0.0	xed cigars frequent ) 1.2	ly (cigars, cigarillos 0.7	s, or little cigars,			Not availal
ONTB2: Perceibefore the surve	2.9 ntage of students whey)	ys before the survey 0.0  o currently smoked 16.2  nts who currently sm	ted cigars frequent  1.2  cigarettes or cigars  4.6	ly (cigars, cigarillos 0.7  (on at least 1 day d	0.0 uring the 30 days	Not available	Not available	Not availat  Not availat

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

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

ents who currentle survey)	2015  ntly drank alcoh  22.1	2017 nol (at least one dri	2019	2021 at least 1 day			
the survey)	•			at least 1 day			
7.0	22.1	27.1	24.4				
		41.1	24.1	11.5	Decreased, 2011-2021	No quadratic change	No chang
or more drinks	of alcohol in a				No linear change	Not available¶	No chang
	or more drinks ays before the	or more drinks of alcohol in a ays before the survey)	or more drinks of alcohol in a row if they were ays before the survey)  10.7	or more drinks of alcohol in a row if they were male, within a courays before the survey)  10.7 11.1		or more drinks of alcohol in a row if they were male, within a couple of hours, on at ays before the survey)  10.7 11.1 4.8 No linear change	or more drinks of alcohol in a row if they were male, within a couple of hours, on at ays before the survey)  10.7 11.1 4.8 No linear change Not available   N

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

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

		Health Risk Beha	avior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
lifferently than	how a doctor told to	hem to use it (count	ion pain medicine w ing drugs such as co					
lydrocodone a	nd Percocet, one or	more times during	their life)					
i, arocodone, a								
ij drocodone, u			17.3	20.6	12.1	No linear change	Not available¶	No chang
N51: Percent			s (sniffed glue, breat	hed the contents of		No linear change	Not available <sup>¶</sup>	No chang
QN51: Percent				hed the contents of		No linear change	Not available <sup>¶</sup>	No change
N51: Percent			s (sniffed glue, breat	hed the contents of		No linear change	Not available <sup>¶</sup> Not available	
N51: Percentans, or inhaled	any paints or spray	s to get high, one or	s (sniffed glue, breat	hed the contents of their life) 6.8	aerosol spray 6.6	<del>.</del>		No chang  No chang
QN51: Percent cans, or inhaled	any paints or spray	s to get high, one or	s (sniffed glue, breat more times during	hed the contents of their life) 6.8	aerosol spray 6.6	<del>.</del>		

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

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

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

Black\* **Alcohol and Other Drug Use** 

> **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2019-2021 §

2011	2013	2015	2017	2019	2021			
12 months before	•							
25.8	42.5	33.5	25.5	30.3	5.7	Decreased, 2011-2021	No change, 2011-2015 Decreased, 2015-2021	Decreased

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

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

Black*	
Sexual Behaviors	S

exual Behaviors		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN58: Percentag	e of students who	had sexual intercou	rse for the first time	before age 13 year	rs .			
10.4	13.8	4.0	3.3	4.2	4.7	No linear change	No quadratic change	No change
QN60: Percentag person, during the		were currently sexu the survey)	ally active (had sex	ual intercourse with	n at least one			
30.7	41.9	20.5	18.8	17.6	16.3	Decreased, 2011-2021	No quadratic change	No change
QN82: Percentag		were ever tested for	human immunode	ficiency virus (HIV	) (not counting			
				12.3	2.8	No linear change	Not available¶	No change
		were tested for a second he 12 months before		lisease (STD) other	than HIV, such			,

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	<u> </u>		
QN66: Percenta	ge of students who	described themselve	es as slightly or ver	y overweight	· · · · · · · · · · · · · · · · · · ·			
19.9	32.0	14.3	26.2	17.0	39.0	No linear change	No quadratic change	Increased
		ho were overweight			ile for body mass			
					ile for body mass	No linear change	No quadratic change	No chang
14.1  QNOBESE: Per and age-specific	20.1  recentage of students reference data from	the 2000 CDC gro	m the 2000 CDC gr 15.9 = 95th percentile for wth charts)¶	10.5  or body mass index,	19.5 based on sex-		No quadratic change	No chang
14.1  QNOBESE: Per	sex- and age-specifi 20.1 centage of students	to reference data from 16.5  who had obesity (>	m the 2000 CDC gr 15.9 = 95th percentile for	rowth charts)¶ 10.5	19.5	No linear change  No linear change	No quadratic change  No quadratic change	No chang No chang
14.1  QNOBESE: Per and age-specific 6.6	20.1  reentage of students reference data from 14.4	the 2000 CDC gro	m the 2000 CDC gr 15.9  = 95th percentile for wth charts)¶  18.2	10.5  or body mass index,	19.5 based on sex-			

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

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

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

Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

		Health Risk Behav	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
		did not drink fruit ju	nice (100% fruit jui	ces one or more tim	nes during the 7			
lays before the	survey)	30.9	29.4	35.7	42.7	No linear change	NI	NI. d
		30.9	29.4	33.7	42.7	No linear change	Not available¶	No change
QN69: Percent	tage of students who	did not eat fruit (one				No linear change	inot available	No chang
QN69: Percent	tage of students who					No linear change	Not available  Not available	Increased
QNFR0: Perce	entage of students wi	did not eat fruit (one	e or more times dur 24.0 drink 100% fruit ju	ring the 7 days befo	re the survey) 35.9			

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

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

		Health Risk Behav	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		no ate fruit or drank luice, during the 7 day			er day (such as			
		59.6	49.7	49.7	30.4	Decreased, 2015-2021	Not available¶	Decreased
		no ate fruit or drank luice, during the 7 da			er day (such as			
					er day (such as	No linear change	Not available	No chang
orange juice, ap	pple juice, or grape j	uice, during the 7 day	ys before the survey 29.1	18.6	17.3	No linear change	Not available	No chang

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

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

		Health Risk Behav	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §			
2011	2013	2015	2017	2019	2021	<del></del>		
N71: Percent	age of students who	did not eat potatoes	(one or more times	during the 7 days l	before the survey	)		
		40.1	55.0	49.5	59.2	Increased, 2015-2021	Not available <sup>¶</sup>	No chang
N72: Percent	age of students who	40.1 did not eat carrots (e				Increased, 2015-2021	Not available <sup>¶</sup>	No chang
N72: Percent	age of students who					Increased, 2015-2021  Increased, 2015-2021	Not available¶  Not available	No chang
		did not eat carrots (	one or more times of 67.8	during the 7 days be	efore the survey) 78.8	Increased, 2015-2021		

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

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

		Health Risk Behav	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §			
2011	2013	2015	2017	2019	2021	<u> </u>		
		who did not eat vege tots, or other vegetab						
		19.5	11.6	8.3	26.8	No linear change	Not available¶	Increased
excluding frenc		who ate vegetables o				,		
excluding frenc						No linear change	Not available	Decreased
[excluding frencesurvey]  QNVEG2: Percent	centage of students	es, or potato chips],	244.9 vo or more times po	getables, during the 51.6 er day (green salad,	37.9 potatoes	No linear change	Not available	Decrease

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

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

		Health Risk Behav	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
		who ate vegetables thes, or potato chips],						
		11.9	9.4	9.1	9.3	No linear change	Not available <sup>¶</sup>	No change
			hottle or glass of s	oda or non (such as	Coke, Pepsi, or			·
	age of students who ting diet soda or die 32.6	did not drink a can, t pop, one or more ti 41.6				No linear change	Increased, 2011-2015 No change, 2015-2021	No chang
Sprite, not count 11.3  QNSODA1: Pe	32.6  rcentage of students	t pop, one or more ti	44.6  ottle, or glass of soc	39.2  da or pop one or mo	28.2 re times per day	No linear change		No chang

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

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

		Health Risk Beha	nvior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
			pottle, or glass of so					
		counting aret soda (	or alet pop, auring t	ne / days before the	e survey)			
(such as Coke, P	epsi, or sprite, not							
such as Coke, P	14.7	5.3	5.1	8.6	11.0	No linear change	Decreased, 2011-2015 No change, 2015-2021	No change
20.3	14.7	5.3	5.1 (during the 7 days b		11.0	No linear change		No change
20.3	14.7	5.3			53.6	No linear change		No change
20.3 QN75: Percenta QNMILK1: Per	14.7 ge of students who	5.3  did not drink milk (	(during the 7 days b 40.8 more glasses per day	efore the survey) 46.5  y of milk (counting)	53.6 the milk they		No change, 2015-2021	
20.3  QN75: Percenta  QNMILK1: Perdrank in a glass of	14.7 ge of students who	5.3  did not drink milk ( who drank one or r n, or with cereal an	(during the 7 days b	efore the survey) 46.5  y of milk (counting)	53.6 the milk they		No change, 2015-2021	

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
drank in a glass	or cup, from a carte	on, or with cereal and						
to one glass, du	ring the 7 days belo.	ie the survey)						
to one glass, du	ring the 7 days belo.	te the survey)	8.8	6.2	4.6	No linear change	Not available <sup>¶</sup>	No change
	age of students who					No linear change	Not available <sup>¶</sup>	No change
-						No linear change	Not available <sup>¶</sup> Not available	No change
QN76: Percent	age of students who	did not eat breakfas 28.2	t (during the 7 days	before the survey) 24.9	26.0			

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

ysical Activity		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
	activity that increas	were physically acti sed their heart rate an						
52.1	32.4	42.9	46.3	39.2	46.8	No linear change	No quadratic change	No change
east 1 day (in ar		ats who did not partic activity that increase e survey) 21.6				No linear change	No quadratic change	No chang
east 1 day (in ar he time during t 13.0 QNPA7DAY: P	ny kind of physical and the 7 days before the 20.7  Percentage of student sical activity that income	activity that increase e survey)	24.6 ally active at least 6	23.0  00 minutes per day	20.5 on all 7 days (in	No linear change	No quadratic change	No chang

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	age of students who were in school)	attended physical ed	ducation (PE) class	es on 1 or more day	rs (in an average			
41.0	30.8	37.3	51.0	47.2	42.2	No linear change	No quadratic change	No change
-	rcentage of students were in school)	who attended phys	ical education (PE)	classes on all 5 day	vs (in an average			
32.1	19.7	24.7	38.0	31.6	30.7	No linear change	No quadratic change	No change
	age of students who	had a concussion frefore the survey)	om playing a sport	or being physically	active (one or			
				21.8	9.2	Decreased, 2019-2021	Not available <sup>¶</sup>	Decreased

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

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

Black* Other		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	age of students who conths before the sur	saw a dentist (for a	check-up, exam, te	eth cleaning, or othe	er dental work,	No linear change	Not available <sup>¶</sup>	No change
QNNODNT: P dental work)	ercentage of studen	ts who never saw a c	dentist (for a check-	up, exam, teeth clea	ning, or other			,
				3.5	1.7	No linear change	Not available	No change
QN86: Percent	age of students who	got 8 or more hours	s of sleep (on an ave	erage school night)				
				17.7	24.8	No linear change	Not available	No change

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

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

ack* te-Added								
		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
•	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	<del></del>			
QN88: Percenta 30 days before t	age of students who he survey)	carried a weapon (s	uch as a gun, knife,	or club, on at least	t 1 day during the			

7.7

26.5

No linear change

QN98: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)

16.3

6.8

12.7

27.5

Increased

No quadratic change

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

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

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

Black\*

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
	age of students who	were in the same ro the survey)	om with someone v	who was smoking c	igarettes (on at			
38.9	32.7	31.4	26.1	24.7	11.6	Decreased, 2011-2021	No quadratic change	No change
	tage of students whowed inside their ho	o described the rule ome 89.8	about smoking ciga	nrettes inside the ho	me where they	No linear change	Increased, 2011-2015	Decreased
/0.1	80.3	89.8	88.4	84.0	70.9	No linear change	Decreased, 2011-2015	Decreased
		o currently used met ore times during the			'crystal meth,"			
			3.7	3.5	0.0	Not available	Not available¶	Not availabl

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

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

lack* ite-Added		Health Risk Behav	rior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
		o attended school under times during the 12			legal drugs (such			
18.1	29.6	12.4	12.5	15.0	6.1	Decreased, 2011-2021	No quadratic change	No change
		o saw a doctor or nur inths before the surve		or physical exam v	when they were 65.8	No linear change	Not available <sup>¶</sup>	No chang
	age of students who	o did not go to schoo	l because they wer	e sick or in pain (a	least one day			,
		,	37.5	47.1	60.2	No linear change	Not available	No chang
QN106: Percent or more)	age of students who	o have physical disab	oilities or long-tern	health problems (	meaning 6 months			,
			33.7	16.3	4.7	Decreased, 2017-2021	Not available	Decrease

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

e-Added		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		o have long-term em	notional problems o	r learning disabiliti	es (meaning 6	,		
months or more	)							
nonths or more	,		1.4.1	10.0	17.8	No linear change	Not available	No change
nonuis of more	,		14.1	10.9	17.8	No linear change	Not available¶	No change
QN108: Percen	tage of students wh	o most of the time o	r always went hung			No linear change	Not available <sup>¶</sup>	No chang
QN108: Percen	tage of students wh		r always went hung			No linear change  No linear change	Not available	No chang
QN108: Percen ood in their hor	tage of students whene (during the 30 d		r always went hung y)	ry because there wa	as not enough			

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

Based on t-test analysis, p < 0.05.
Not enough years of data to calculate.

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

Hispanic

ury and Violenc		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN8: Percentage	e of students who d	lid not always wear	a seat belt (when ric	ding in a car driven	by someone else)	· · · · · · · · · · · · · · · · · · ·		
63.6	56.1	58.3	56.9	56.0	52.6	Decreased, 2011-2021	No quadratic change	No change
ON10: Percentagemore times	ge of students who g the 30 days before	ode with a driver whos before the survey)  drove a car or other the survey, among	22.8 vehicle when they	20.8 had been drinking	19.0 alcohol (one or	No linear change	Not available <sup>§</sup>	No change
the 30 days befor	10.1	8.9	7.7	7.9	2.6	Decreased, 2013-2021	Not available	Decreased

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

		Health Risk Behav	vior and Percentag	res		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2022
2011	2013	2015	2017	2019	2021			
		texted or e-mailed v y, among students w						
	`							
	y)			38.7	38.8	No linear change	Not available <sup>§</sup>	No chang
efore the surve		gerried a weepen o	n cahool property (c			No linear change	Not available <sup>§</sup>	No chang
oefore the surve		carried a weapon or	n school property (s			No linear change	Not available <sup>§</sup>	No chang
efore the surve	ge of students who		n school property (s			No linear change  Decreased, 2011-2021	Not available <sup>§</sup> No quadratic change	No chang
2N12: Percenta east 1 day durin 5.0	ge of students who g the 30 days befor 4.2	te the survey) 4.5	3.2	such as a gun, knife	, or club, on at			
2N12: Percenta east 1 day durin 5.0 2N13: Percenta	ge of students who g the 30 days befor 4.2	e the survey)	3.2 counting the days w	such as a gun, knife 2.7 hen they carried a g	, or club, on at  2.1  gun only for			

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

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

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

**Injury and Violence Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) 8.6 8.1 7.3 12.9 16.8 13.5 Increased, 2011-2021 No quadratic change No change

QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)

7.3

Hispanic

11.0

7.1

7.7

QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)

30.9 23.8 25.2 21.5 21.9 22.8 Decreased, 2011-2021 No quadratic change No change

8.2

No linear change

6.9

No change

No change, 2011-2015

No change, 2015-2021

<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.

ury and Violen		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change fron 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
QN19: Percenta want to)	age of students who	were ever physicall	y forced to have sex	xual intercourse (wl	hen they did not			
9.2	10.4	10.9	8.9	9.5	9.1	No linear change	No quadratic change	No change
		aching, or being phy uring the 12 months		11.7	12.8	No linear change	Not available <sup>§</sup>	No change
QN21: Percenta	age of students who	experienced sexual	dating violence (be	ing forced by some	cone they were			
forced to have s	exual intercourse] th	nat they did not wanded or went out with	t to do, one or more	times during the 1	2 months before			

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

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

2011	2013	2015	2017		<u>—</u>			
01/44 5				2019	2021			
someone they were njured with an obje	dating or going o	experienced physica out with [counting s he or more times du e during the 12 mon	uch things as being ring the 12 months	hit, slammed into before the survey,	something, or	No linear change	Not available <sup>§</sup>	No change
				0.0	12.4	No illear change	Not available	140 Change
QN23: Percentage urvey)	of students who	were bullied on sch	ool property (ever d	during the 12 month	ns before the			,
			15.9	15.8	15.2	No linear change	Not available	No change

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

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

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

Hispanic

	j	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021	<del></del>		
QN26: Percenta survey)	ge of students who	seriously considered	d attempting suicide	e (during the 12 mo	nths before the			
17.9	16.2	21.1	18.9	19.8	21.5	Increased, 2011-2021	No quadratic change	No change
QN27: Percenta before the survey		made a plan about l	now they would atte	empt suicide (during	g the 12 months			
15.9	14.8	20.9	14.5	14.2	20.5	No linear change	No quadratic change	Increased
QN28: Percenta the survey)	ge of students who	actually attempted s	suicide (one or mor	e times during the 1	2 months before			
		10.8	13.3	10.4	10.4	No linear change	No quadratic change	No change

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

panic pacco Use		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2022
2011	2013	2015	2017	2019	2021			
QN31: Percenta	age of students who	first tried cigarette s	smoking before age	13 years (even one	or two puffs)			
			10.5	8.1	8.4	No linear change	Not available§	No change
	:					· ·		
	age of students who	currently smoked ci	garettes (on at least	t 1 day during the 3	0 days before the 3.2	Decreased, 2011-2021	No quadratic change	No chang
survey) 14.9	14.1	•	7.3	4.5	3.2		No quadratic change	No chang
survey) 14.9  QNFRCIG: Per	14.1	9.3	7.3	4.5	3.2		No quadratic change  No quadratic change	No chang
200 (2000) 14.9 200 (2000) 200 (2000) 2000) 200 (2000) 200 (2000) 2000) 200 (2000) 200 (2000) 2000) 200 (2000) 200 (2000) 2000) 200 (2000) 2000) 200 (2000) 2000) 200 (2000) 2000)	14.1 recentage of students he survey) 2.7	9.3 who currently smok	7.3 red cigarettes freque	4.5 ently (on 20 or more 0.6	3.2 e days during the 0.7	Decreased, 2011-2021		

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

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

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

Hisnanic

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		ever used an electro ens, and mods [such						
		55.8	53.6	51.3	41.2	Decreased, 2015-2021	Not available§	Decreased
vape pens, e-cig		currently used an elokah pens, and mods te the survey)						
		26.7	13.2	16.0	15.0	Decreased, 2015-2021	Not available	No change
	ercentage of students	s who currently used	electronic vapor pr	oducts frequently (	on 20 or more			
	30 days before the	survey)						

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

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

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

Hispanic

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QNDAYEVP: If the 30 days befo		nts who currently use	ed electronic vapor	products daily (on	all 30 days during			
		1.1	2.1	2.9	4.8	Increased, 2015-2021	Not available§	No change
	ntage of students w	ho currently smoked survey)	cigarettes or used e	electronic vapor pro	ducts (on at least			,
		27.6	15.0	16.6	15.2	Decreased, 2015-2021	Not available	No change

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
lip, snus, or dis	solvable tobacco pro	who currently used oducts [such as Cope of or more days during the content of the core of	enhagen, Grizzly, S	koal, or Camel Snu				
			0.5	0.2	0.5	No linear change	Not available <sup>§</sup>	No change
lip, snus, or dis	solvable tobacco pro	nts who currently us oducts [such as Cope I 30 days during the	ed smokeless tobac	co daily (chewing t	obacco, snuff,	No linear change  Not available	Not available <sup>§</sup> Not available	No chang
lip, snus, or dis ny electronic v 2N38: Percenta	solvable tobacco pro apor products, on al	oducts [such as Cope 1 30 days during the currently smoked ci	ed smokeless tobac enhagen, Grizzly, S 30 days before the 0.5	co daily (chewing t koal, or Camel Snu survey) 0.0	obacco, snuff, s], not counting			

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

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

	]	Health Risk Behavi	or and Percentage	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	ntage of students wh products (on at leas				tobacco or			
			16.8	17.0	15.2	No linear change	Not available§	No change
	ercentage of students ays during the 30 da 1.1			y (cigars, cigarillos	or little cigars, 0.5	No linear change	No quadratic change	No change
nn 20 or more d 1.5 QNTB2: Percer	ays during the 30 da 1.1  ntage of students wh	ys before the survey 0.8	0.2	0.5	0.5		No quadratic change	No change
on 20 or more d	ays during the 30 da 1.1  ntage of students wh	ys before the survey 0.8	0.2	0.5	0.5		No quadratic change  No quadratic change	
QNTB2: Perceibefore the surve	ays during the 30 da 1.1  ntage of students where	ys before the survey 0.8  o currently smoked 11.0  nts who currently sm	0.2 cigarettes or cigars 8.5	0.5 (on at least 1 day d	0.5 uring the 30 days			No change

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

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

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

Uicnonio

drank alcohol (at least one d	2019 rink of alcohol, on a 27.3	2021 at least 1 day 22.9	Decreased, 2011-2021	No quadratic change	No change
		•	Decreased, 2011-2021	No quadratic change	No change
0.9 35.2	27.3	22.9	Decreased, 2011-2021	No quadratic change	No change
					U
were binge drinking (had for lcohol in a row if they were ey)					
19.4	14.3	12.9	Decreased, 2017-2021	Not available§	No change
	y) 19.4	y) 19.4 14.3 t the alcohol they drank by someone giving it to	t the alcohol they drank by someone giving it to them (during the	19.4 14.3 12.9 Decreased, 2017-2021 the alcohol they drank by someone giving it to them (during the	t the alcohol they drank by someone giving it to them (during the

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021	_		
QN47: Percenta survey)	age of students who	currently used mari	juana (one or more	times during the 30	days before the			
22.5	22.8	23.9	21.0	27.7	21.5	No linear change	No quadratic change	No change
differently than	nge of students who how a doctor told the nd Percocet, one or	nem to use it (counti	ng drugs such as co	rithout a doctor's prodeine, Vicodin, Ox	escription or yContin,			
			15.6	19.8	18.3	No linear change	Not available <sup>§</sup>	No change
	age of students who		(sniffed glue, breat		aerosol spray			
cans, or innaied	any pannes or sprays		U	,				

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

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

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	age of students who	ever used ecstasy (a	also called "MDMA	a" or "Molly," one o	or more times			
QN54: Percenta luring their life		ever used ecstasy (a	also called "MDMA	a" or "Molly," one of 5.3	or more times 3.2	No linear change	Not available <sup>§</sup>	No chang
uring their life	age of students who		,	5.3	3.2	No linear change	Not available <sup>§</sup>	No change

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

Not enough years of data to calculate.

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

Hispanic Sexual Behaviors

	]	Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN58: Percenta	age of students who	had sexual intercour	rse for the first time	e before age 13 year	rs			
7.4	5.5	4.2	3.9	2.7	5.6	No linear change	Decreased, 2011-2017 No change, 2017-2021	Increased
	age of students who he 3 months before t	were currently sexuate the survey)	ally active (had sex	ual intercourse wit	h at least one			
34.3	32.9	32.4	29.0	25.1	27.2	Decreased, 2011-2021	No quadratic change	No change
ON61: Percenta	age of students who ntly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
				22.2	31.0	I 1 2011 2021	NT	NT1
	19.4	22.8	15.3	22.3	31.0	Increased, 2011-2021	No quadratic change	No change
who were currer 19.9	age of students who	22.8 used a condom durin				Increased, 2011-2021	No quadratic enange	No change

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN82: Percentage tests done if they		were ever tested for	r human immunode	ficiency virus (HIV)	(not counting			
	,			13.6	4.4	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased

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

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

# Arizona High School Survey 10-year Trend Analysis Report

Hispanic Weight Management and Dietary Behaviors

	]	Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN66: Percenta	ge of students who	described themselve	es as slightly or ver	y overweight	•			
32.9	29.9	35.1	36.8	39.1	36.3	Increased, 2011-2021	No quadratic change	No change
index, based on s	ntage of students week- and age-specifi	c reference data fro	m the 2000 CDC g	rowth charts)§				
index, based on s		c reference data fro	m the 2000 CDC g	rowth charts)§	17.9	Increased, 2011-2021	No quadratic change	No change
index, based on s  17.1  QNOBESE: Per	sex- and age-specifi 14.2	to reference data fro  16.8  who had obesity (>	m the 2000 CDC g  19.2  = 95th percentile for	rowth charts)§	17.9	Increased, 2011-2021 Increased, 2011-2021	No quadratic change  No change, 2011-2015 Increased, 2015-2021	
index, based on s  17.1  QNOBESE: Per and age-specific  14.9	14.2 centage of students reference data from	who had obesity (> the 2000 CDC gro	m the 2000 CDC g  19.2  = 95th percentile for the charts)  15.9	20.2  or body mass index.	17.9 based on sex-	·	No change, 2011-2015	No change

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

<sup>§</sup>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.

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

Hispanic **Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN68: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey) 25.5 28.4 35.8 38.2 Increased, 2015-2021 Not available§ No change QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 11.4 19.3 Increased, 2015-2021 Not available No change 13.9 15.0 QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple

8.6

12.9

Increased, 2015-2021

Not available

6.9

7.0

juice, or grape juice, during the 7 days before the survey)

Increased

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

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

		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		no ate fruit or drank luice, during the 7 day			er day (such as			
range juice, ap	opic juice, or grape j	arce, during the 7 da	ys octore the surve	()				
		50.9	56.1	16.6	20.2	Degraced 2015 2021	Not available <sup>§</sup>	Dogranga
		59.8	56.1	46.6	38.2	Decreased, 2015-2021	Not available <sup>§</sup>	Decreased
		59.8 no ate fruit or drank luice, during the 7 day	100% fruit juices tw	vo or more times pe		Decreased, 2015-2021	Not available <sup>§</sup>	Decreased
		no ate fruit or drank 1	100% fruit juices tw	vo or more times pe		Decreased, 2015-2021  Decreased, 2015-2021	Not available <sup>§</sup> Not available	Decreased
range juice, ap	ople juice, or grape j	no ate fruit or drank luice, during the 7 day	100% fruit juices tw ys before the survey 24.8	yo or more times pe	er day (such as	,		

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

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

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

Hispanic **Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN71: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) 41.7 36.1 41.6 37.7 No linear change Not available§ No change QN72: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey) 56.1 60.8 No linear change Not available No change 56.4 50.5 QN73: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey) 21.2 20.6 25.1 23.9 No linear change Not available No change

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

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

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		who did not eat vege ots, or other vegetab						
1	F	8.3	6.8	11.4	11.6	No linear change	Not available <sup>§</sup>	No chang
ONVEG1: Perc		who ate vegetables o es, or potato chips],						
excluding frenc								
		54.2	54.5	46.8	49.5	No linear change	Not available	No cl

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		who ate vegetables thes, or potato chips],						
		13.4	12.8	10.1	11.7	No linear change	Not available§	No chang
		did not drink a can, t pop, one or more to						
				27.6	24.1			

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change fron 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
		s who drank a can, b counting diet soda o						
such as Coke, 1	epsi, or sprite, not	counting thet soua c	n diet pop, during d	ie / days before the	survey)			
13.5	14.1	12.3	9.0	9.8	9.6	Decreased, 2011-2021	No quadratic change	No chang
	,	,			9.6	Decreased, 2011-2021	No quadratic change	No chang
	,	did not drink milk (			9.6	Decreased, 2011-2021  Increased, 2017-2021	No quadratic change  Not available <sup>§</sup>	No chang
QN75: Percenta QNMILK1: Perc lrank in a glass o	ge of students who	did not drink milk ( who drank one or non, or with cereal an	(during the 7 days b 24.6 nore glasses per day	efore the survey) 33.4  v of milk (counting)	34.6	Increased, 2017-2021		

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021	<u> </u>		
drank in a glass		who drank three or on, or with cereal and re the survey)						
o one grass, au		• /					No linear change Not available <sup>§</sup>	
o one grass, da	c ,	•	5.3	4.4	3.3	No linear change	Not available <sup>§</sup>	No change
-		did not eat breakfas				No linear change	Not available <sup>§</sup>	No change
-						No linear change  Increased, 2013-2021	Not available <sup>§</sup> Not available	No change
QN76: Percent	tage of students who	did not eat breakfas	t (during the 7 days	s before the survey) 22.9	22.5			

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

Not enough years of data to calculate.

ents who were ph		2017	2019	2021	_		
	heart rate and r		es per day on 5 or ne hard some of the	more days (in any e time during the			
2.6	45.0	42.3	41.9	42.2	No linear change	No quadratic change	No chang
physical activity before the survey	that increased th				No linear change	No quadratic change	No chang
	of students who physical activity before the survey 6.0	of students who did not participate physical activity that increased the before the survey) 6.0 16.9	of students who did not participate in at least 60 mphysical activity that increased their heart rate and before the survey) 6.0 16.9 18.8	of students who did not participate in at least 60 minutes of physical physical activity that increased their heart rate and made them breat before the survey) 6.0 16.9 18.8 18.5	of students who did not participate in at least 60 minutes of physical activity on at physical activity that increased their heart rate and made them breathe hard some of before the survey)	of students who did not participate in at least 60 minutes of physical activity on at physical activity that increased their heart rate and made them breathe hard some of before the survey)  6.0 16.9 18.8 18.5 21.0 No linear change	of students who did not participate in at least 60 minutes of physical activity on at physical activity that increased their heart rate and made them breathe hard some of before the survey)  6.0 16.9 18.8 18.5 21.0 No linear change No quadratic 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.

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

Hispanic

	1	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
	age of students who were in school)	attended physical ed	lucation (PE) classe	es on 1 or more day	vs (in an average			
44.5	43.7	42.3	48.5	49.6	36.6	No linear change	No quadratic change	No change
	rcentage of students were in school) 23.2	who attended physical 23.2	cal education (PE)	classes on all 5 day	vs (in an average 26.9	No linear change	No quadratic change	No change
	age of students who		om playing a sport	or being physically	active (one or			
nore times durii								

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

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

		Health Risk Behav	vior and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
			a check-up, exam, te	eth cleaning, or other	er dental work,			
luring the 12 m	nonths before the sur	rvey)						
				69.5	66.3	No linear change	Not available§	No change
				69.5	66.3	No linear change	Not available <sup>§</sup>	No change
	ercentage of studen	ts who never saw a	dentist (for a check-			No linear change	Not available <sup>§</sup>	No change
	Percentage of studen	ts who never saw a	dentist (for a check-			No linear change	Not available <sup>§</sup> Not available	No chang
	Percentage of studen	ts who never saw a	dentist (for a check-	-up, exam, teeth clea	aning, or other	<u>-</u>		
lental work)			dentist (for a check-	-up, exam, teeth clea	aning, or other	<u>-</u>		

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

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

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

Hispanic

e-Added		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN88: Percenta 30 days before the		carried a weapon (su	ich as a gun, knife,	or club, on at least	1 day during the			
16.8	16.1	15.5	12.3	12.7	14.7	No linear change	No quadratic change	No change
		electronically bullied I media, during the 1			n texting, 9.2	No linear change	Not available <sup>§</sup>	No change
		did something to pur rpose one or more ti						
20.0	19.2	21.8	23.6	19.0	30.5	Increased, 2011-2021	No change, 2011-2017 Increased, 2017-2021	Increased

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

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

Hispanic

	Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2013	2015	2017	2019	2021			
-		om with someone v	who was smoking c	igarettes (on at			
34.8	36.8	31.0	24.8	24.1	Decreased, 2011-2021	No quadratic change	No change
		about smoking ciga	94.8	ome where they 90.7	No linear change	Increased, 2011-2017 No change, 2017-2021	Decreased
				"crystal meth,"			
		2.4	2.7	1.8	No linear change	Not available <sup>§</sup>	No change
	ge of students who g the 7 days before 34.8  age of students who wed inside their ho 89.0  age of students who	2013 2015  ge of students who were in the same room the first of the survey) 34.8  age of students who described the rule as wed inside their home 89.0  92.2  age of students who currently used met	2013  2015  2017  ge of students who were in the same room with someone was the 7 days before the survey)  34.8  36.8  31.0  age of students who described the rule about smoking cigawed inside their home  89.0  92.2  91.5  age of students who currently used methamphetamines (all "meth," one or more times during the 30 days before the	ge of students who were in the same room with someone who was smoking of the 7 days before the survey)  34.8  36.8  31.0  24.8  age of students who described the rule about smoking cigarettes inside the howed inside their home  89.0  92.2  91.5  94.8  age of students who currently used methamphetamines (also called "speed," "meth," one or more times during the 30 days before the survey)	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at g the 7 days before the survey)  34.8 36.8 31.0 24.8 24.1  age of students who described the rule about smoking cigarettes inside the home where they wed inside their home  89.0 92.2 91.5 94.8 90.7  age of students who currently used methamphetamines (also called "speed," "crystal meth," "meth," one or more times during the 30 days before the survey)	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at g the 7 days before the survey)  34.8 36.8 31.0 24.8 24.1 Decreased, 2011-2021  age of students who described the rule about smoking cigarettes inside the home where they wed inside their home  89.0 92.2 91.5 94.8 90.7 No linear change  age of students who currently used methamphetamines (also called "speed," "crystal meth," ""meth," one or more times during the 30 days before the survey)	2013 2015 2017 2019 2021  ge of students who were in the same room with someone who was smoking cigarettes (on at g the 7 days before the survey)  34.8 36.8 31.0 24.8 24.1 Decreased, 2011-2021 No quadratic change age of students who described the rule about smoking cigarettes inside the home where they weed inside their home  89.0 92.2 91.5 94.8 90.7 No linear change Increased, 2011-2017 No change, 2017-2021  age of students who currently used methamphetamines (also called "speed," "crystal meth," "meth," one or more times during the 30 days before the survey)

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

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

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

Hisnanic

	Health Risk Behavior and Percentages					Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
		o attended school un e times during the 1			legal drugs (such			
21.4	18.3	19.2	17.3	23.1	14.5	No linear change	No quadratic change	Decreased
N104: Percent	age of students who	o saw a doctor or nu	rse (for a check-up			No meu change	To quadratic change	
N104: Percent	age of students who	o saw a doctor or nu	rse (for a check-up			No linear change	Not available <sup>§</sup>	Decreased
0N104: Percent ot sick or injure 0N105: Percent	age of students who d during the 12 mo	o saw a doctor or nu in this before the surv	rse (for a check-up ey) 60.4	or physical exam v	when they were 52.2			Decreased
N104: Percent ot sick or injure N105: Percent	age of students who	o saw a doctor or nu in this before the surv	rse (for a check-up ey) 60.4	or physical exam v	when they were 52.2			Decreased No chang
N104: Percent of sick or injure on the sick or injure of the sick of the s	age of students who d during the 12 mo	o saw a doctor or nu in this before the surv	rse (for a check-up ey) 60.4 ol because they wer 51.1	or physical exam v 59.8 e sick or in pain (at 57.5	52.2 t least one day 59.8	No linear change  Increased, 2017-2021	Not available <sup>§</sup>	

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

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

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

Hisnanic

ispanic te-Added		Health Risk Behav	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †			
2011	2013	2015	2017	2019	2021	_		
QN107: Percent months or more)		o have long-term en	notional problems o	r learning disabiliti	es (meaning 6			
			16.2	19.6	17.2	No linear change	Not available§	No change
		o most of the time o		gry because there wa	as not enough	, ,		
				3.1	3.2	No linear change	Not available	No change
QN109: Percent months before the		o described their gra	ides in school as mo	ostly A's or B's (dur	ing the 12			
51.9	58.1	64.1	61.0	60.7	58.0	No linear change	Increased, 2011-2015 No change, 2015-2021	No change

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

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