## Los Angeles High School Survey 10-year Trend Analysis Report

No quadratic cha	nge No change
1, 2011-	1, 2011-2021 No quadratic chai
-	

<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.

otal jury and Violen	ce	Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	rys before the surve	texted or e-mailed v y, among students w						
		21.3	18.0	18.0	13.6	Decreased, 2015-2021	Not available§	No change
		carried a gun (not co shooting, on at least				No linear change	Not available	No change
QN14: Percenta		did not go to school g the 30 days before		insafe at school or o	on their way to or			
from school (on	at least I day dulli							

<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.

## Los Angeles 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 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) 7.9 5.8 4.9 4.9 5.5 5.6 Decreased, 2011-2021 Decreased, 2011-2015 No change No change, 2015-2021 QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey) 29.0 22.0 15.7 19.7 12.8 Decreased, 2011-2015 16.3 Decreased, 2011-2021 Decreased

7.4

8.7

No linear change

QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not

7.0

6.5

want to)

7.7

8.2

No change

No change, 2015-2021

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.

d
No linear change Not available <sup>§</sup> No ch
dio

<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.

2013	2015						
	2013	2017	2019	2021			
dating or going o ct or weapon] on ut with someone	ut with [counting so e or more times dur during the 12 mont	uch things as being ing the 12 months ths before the surve	thit, slammed into before the survey, and bey	something, or among students	No linear change	Not availabla§	No change
7.4	1.2	0.7	3.9	5.1	No linear change	Not available	No change
of students who v	vere bullied on scho	ool property (ever o	during the 12 month	ns before the			
14.2	14.6	13.2	12.8	10.1	Decreased, 2011-2021	No quadratic change	Decreased
	dating or going o ct or weapon] on out with someone  7.4  of students who v	dating or going out with [counting so ct or weapon] one or more times during the 12 months out with someone during the 12 months of students who were bullied on school of school of students who were bullied on school of students who were bullied on school of scho	dating or going out with [counting such things as being ct or weapon] one or more times during the 12 months but with someone during the 12 months before the surve 7.4 7.2 6.7  of students who were bullied on school property (ever or	dating or going out with [counting such things as being hit, slammed into ct or weapon] one or more times during the 12 months before the survey, but with someone during the 12 months before the survey)  7.4  7.2  6.7  5.9  of students who were bullied on school property (ever during the 12 months)	7.4 7.2 6.7 5.9 5.7  of students who were bullied on school property (ever during the 12 months before the	dating or going out with [counting such things as being hit, slammed into something, or ct or weapon] one or more times during the 12 months before the survey, among students out with someone during the 12 months before the survey)  7.4  7.2  6.7  5.9  5.7  No linear change of students who were bullied on school property (ever during the 12 months before the	dating or going out with [counting such things as being hit, slammed into something, or ct or weapon] one or more times during the 12 months before the survey, among students out with someone during the 12 months before the survey)  7.4  7.2  6.7  5.9  5.7  No linear change  Not available <sup>8</sup> of students who were bullied on school property (ever during the 12 months 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.

# Los Angeles High School Survey 10-year Trend Analysis Report

Total Injury and Violence

		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		felt sad or hopeless, ever during the 12 i			row so that they			
27.6	28.4	30.4	30.5	34.0	40.9	Increased, 2011-2021	No change, 2011-2017 Increased, 2017-2021	Increased
QN26: Percentagurvey)	ge of students who	seriously considered	d attempting suicide	e (during the 12 mo	onths before the			,
14.3	13.2	14.1	13.1	13.0	17.7	No linear change	No change, 2011-2017 Increased, 2017-2021	Increased
N27: Percentage before the survey		made a plan about h	now they would atte	empt suicide (durin	g the 12 months			
13.6	12.1	12.9	11.4	10.6	15.0	No linear change	No change, 2011-2017 Increased, 2017-2021	Increased
QN28: Percentaghe survey)	ge of students who	actually attempted s	suicide (one or more	e times during the 1	12 months before			,
10.8	8.4	8.4	8.4	9.4	9.4	No linear change	No change, 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.

Total Injury and Violence		Health Risk Behav	rior and Percentag	ees		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021	<u> </u>		
		+	-			<del></del>		
		had a suicide attem se (during the 12 mo			or overdose that			
4.1	3.1	2.1	2.8	3.6	3.5	No linear change	Decreased, 2011-2015 Increased, 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

	j	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
N30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)		,		
39.2	33.5	24.1	17.8	14.6	11.4	Decreased, 2011-2021	No quadratic change	Decreased
N31: Percenta	ge of students who	first tried cigarette s	smoking before age	13 years (even one 5.8	e or two puffs)	No linear change	Not available <sup>§</sup>	No change
N32: Percenta		first tried cigarette s	5.9	5.8	4.9	<u>-</u>	Not available <sup>§</sup>	No change
			5.9	5.8	4.9	<u>-</u>	Not available <sup>§</sup> No quadratic change	No change
N32: Percenta urvey) 9.1	ge of students who 6.7 centage of students	currently smoked ci	5.9 garettes (on at least	5.8 t 1 day during the 3	4.9 0 days 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QNDAYCIG: F before the surve	•	nts who currently sme	oked cigarettes dail	ly (on all 30 days d	uring the 30 days	,		
1.7	0.4	0.8	0.8	0.1	0.0	Not available	Not available§	Not available
		ever used an electronens, and mods [such						
- · · · · · · · · · · · · · · · · · · ·		43.7	36.4	39.0	26.7	Decreased, 2015-2021	Not available	Decreased
QN35: Percenta		currently used an elekah pens, and mods	ectronic vapor prod	luct (including e-ci	garettes, vapes,	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.

## Los Angeles High School Survey 10-year Trend Analysis Report

		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			
	ercentage of students a 30 days before the	s who currently used survey)	electronic vapor pr	oducts frequently (	on 20 or more			
		1.2	0.9	1.4	1.3	No linear change	Not available§	No change
		nts who currently use	ed electronic vapor	products daily (on	all 30 days during			
he 30 days bef	ore the survey)	0.7	0.8	1.1	0.7	No linear change	Not available	No change

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	_		
dissolvable toba	acco products [such	currently used smol as Copenhagen, Gri uring the 30 days bef	zzly, Skoal, or Cam					
			1.9	2.9	2.3	No linear change	Not available§	No change
dip, snus, or dis	ssolvable tobacco pr	s who currently used oducts [such as Cop 0 or more days durin	enhagen, Grizzly, S	koal, or Camel Snu		No linear change	Not available	No change
		nts who currently us	enhagen, Grizzly, S	koal, or Camel Snu				
dip, snus, or dis		ll 30 days 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change fron 2019-2021
2011	2013	2015	2017	2019	2021			
	age of students who ys before the survey	currently smoked ci	gars (cigars, cigari	llos, or little cigars,	on at least 1 day			
8.5	5.9	4.4	2.7	3.5	1.7	Decreased, 2011-2021	No quadratic change	Decreased
		to currently smoked st 1 day during the 3	0 days before the s	urvey)				
ectronic vapor	products (on at leas	st 1 day during the 3	0 days before the s	urvey) 11.6	8.0	Increased, 2017-2021	Not available <sup>§</sup>	Decreased
ectronic vapor  NFRCGR: Pe	products (on at leas		0 days before the s 6.1 ked cigars frequent	urvey) 11.6	8.0	Increased, 2017-2021	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.

# **Los Angeles High School Survey** 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		o currently smoked	cigarettes or cigars	(on at least 1 day of	luring the 30 days			
QNTB2: Percen before the survey		o currently smoked 5.5	cigarettes or cigars 3.1	(on at least 1 day of	luring the 30 days	Decreased, 2011-2021	No quadratic change	No change
before the survey 10.3  QNDAYCGR: 1	y) 7.9	5.5	3.1	3.2	2.1	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.

## Los Angeles High School Survey 10-year Trend Analysis Report

2017  nk of alcohol before a	2019 age 13 years (other t	2021 than a few sips)	<del></del>		
	age 13 years (other t	han a few sips)			
15.5					
13.3	14.9	14.1	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change
lcohol (at least one de	rink of alcohol, on a	t least 1 day			
22.4	21.2	14.5	Decreased, 2011-2021	No quadratic change	Decreased
i	22.4 inge drinking (had for	22.4 21.2 inge drinking (had four or more drinks of	22.4 21.2 14.5  inge drinking (had four or more drinks of alcohol in a row in a row if they were male, within a couple of hours, on at	22.4 21.2 14.5 Decreased, 2011-2021 inge drinking (had four or more drinks of alcohol in a row	22.4 21.2 14.5 Decreased, 2011-2021 No quadratic change inge drinking (had four or more drinks of alcohol in a row

<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.

## Los Angeles 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			
		reported that the lar		nks they had in a ro	w was 10 or more			
				1.5	0.7	Decreased, 2019-2021	Not available§	No change
N45: Percenta	age of students who	ever used marijuana	(one or more time	s during their life)				
N45: Percenta 42.4	age of students who	ever used marijuana	(one or more time	s during their life) 38.6	20.5	Decreased, 2011-2021	Decreased, 2011-2017 Decreased, 2017-2021	Decreased
42.4	39.3	-	35.9	38.6	20.5	Decreased, 2011-2021		Decreased
42.4	39.3	34.7	35.9	38.6	20.5	Decreased, 2011-2021  Decreased, 2011-2021		
42.4 2N46: Percenta 12.3	39.3 age of students who 9.3	34.7 tried marijuana for t	35.9 the first time before 7.2	38.6 e age 13 years 7.6	5.4		Decreased, 2017-2021	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 Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
N48: Percent	age of students who	ever used synthetic	marijuana (one or r	nore times during the	heir life)			
		6.5	6.5	8.3	5.5	No linear change	Not available§	Decrease
						C		
fferently than	how a doctor told t	ever took prescripti hem to use it (counti more times during t	ng drugs such as co heir life)	deine, Vicodin, Öx	yContin,		Not eveilable	Dagrages
differently than	how a doctor told t	hem to use it (counti	ng drugs such as co			No linear change	Not available	Deci
ifferently than lydrocodone, a part of the last of the	how a doctor told tond Percocet, one or	hem to use it (counti more times during t	ng drugs such as co heir life) 10.6	deine, Vicodin, Öx 15.5	yContin, 11.7		Not available	Decrea

<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.

# **Los Angeles 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>		
		ever used inhalants to get high, one or			aerosol spray			
14.9	10.5	7.2	5.5	6.5	7.7	Decreased, 2011-2021	Decreased, 2011-2017 No change, 2017-2021	No change
QN52: Percenta more times durin		ever used heroin (al	so called "smack,"	"junk," or "China V	White," one or			
4.4	3.0	2.0	1.9	4.0	2.1	No linear change	No quadratic change	No change
QN53: Percenta 'ice," or "meth,"	ge of students who one or more times	ever used methampl during their life)	hetamines (also cal	led "speed," "crysta	al meth," "crank,"			
6.9	5.1	3.4	2.7	3.3	2.0	Decreased, 2011-2021	No quadratic change	No change
QN54: Percenta luring their life)		ever used ecstasy (a	lso called "MDMA	a" or "Molly," one o	or more times			
16.4	10.9	4.5	3.8	4.8	3.3	Decreased, 2011-2021	Decreased, 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

**Total Alcohol and Other Drug Use Linear Change**\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN55: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life) 3.4 2.1 1.9 2.7 3.1 2.0 No linear change No quadratic change No change QN56: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey) 39.3 29.5 27.5 29.3 29.4 20.8 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

xual Behaviors		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN57: Percenta	ge of students who	ever had sexual inte	rcourse	· ·	:			
38.9	32.7	27.6	30.0	30.2	20.4	Decreased, 2011-2021	No quadratic change	Decreased
QN58: Percenta	ge of students who	had sexual intercoun	rse for the first time	e before age 13 year	rs			<del></del>
5.7	4.1	3.8	3.8	3.9	2.8	Decreased, 2011-2021	No quadratic change	No change
QN59: Percenta	ge of students who	had sexual intercoun	rse with four or mo	re persons during the	neir life			
9.2	7.7	5.7	6.9	5.7	3.4	Decreased, 2011-2021	No quadratic change	No change
		were currently sexu	ally active (had sex	ual intercourse wit	h at least one			
person, during th	ne 3 months before	ine survey)		18.2	12.5	Decreased, 2019-2021	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*	Change fron 2019-2021
2011	2013	2015	2017	2019	2021			
	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students	,		
				14.3	15.9	No linear change	Not available <sup>§</sup>	No change
QN62: Percenta currently sexuall		used a condom duri	ng last sexual interc	course (among stud	ents who were	1 1		,
				52.0	58.0	No linear change	Not available	No change
ON82: Percenta		were ever tested for	human immunodet	ficiency virus (HIV	) (not counting			
tests done if they	dollated blood)			10.1	7.3	Decreased, 2011-2021	No quadratic change	Decreased
	14.8	12.8	10.4	12.1	1.3	Decreased, 2011-2021	140 quadratic change	Бесте
tests done if they	14.8	12.8 were tested for a sex				Decreased, 2011-2021	No quadratic change	Pecicus

<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 <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	:			
31.1	36.0	35.9	37.3	36.7	38.6	Increased, 2011-2021	No quadratic change	No change
		ho were overweight c reference data from			ile for body mass			
					ile for body mass	Increased, 2011-2021	No quadratic change	No chang
ndex, based on s  16.9  QNOBESE: Pero	eex- and age-specifi  17.8  centage of students	c reference data from	m the 2000 CDC gr 18.4 = 95th percentile for	rowth charts) <sup>§</sup>	20.0	Increased, 2011-2021	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.

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

Not enough years of data to calculate.

	ent and Dietary Be	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			
QN69: Percenta	ge of students who	did not eat fruit (one	e or more times du	ring the 7 days befo	ore the survey)			
10.0	9.4	8.7	8.7	10.7	12.2	No linear change	No change, 2011-2017 Increased, 2017-2021	No change
		did not drink a can, t pop, one or more ti						
22.1	24.1	27.4	28.3	32.6	28.1	Increased, 2011-2021	Increased, 2011-2017 No change, 2017-2021	Decreased
		who drank a can, be counting diet soda o						
21.3	16.5	11.3	11.9	10.6	11.9	Decreased, 2011-2021	Decreased, 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.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		who drank a can, be counting diet soda o						
13.3	10.2	6.4	7.2	6.4	7.0	Decreased, 2011-2021	Decreased, 2011-2015	No change
							No change, 2015-2021	
QN76: Percenta	age of students who	did not eat breakfas	t (during the 7 days	before the survey)			No change, 2015-2021	
QN76: Percenta	age of students who	did not eat breakfas	t (during the 7 days	before the survey)	22.5	Increased, 2013-2021	No change, 2015-2021  Not available <sup>§</sup>	Increased
	14.2		12.2	15.6		Increased, 2013-2021	-	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.

# **Los Angeles High School Survey** 10-year Trend Analysis Report

		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	_		
	activity that increas	were physically acti sed their heart rate an						
39.2	44.2	46.6	48.5	37.7	35.9	No linear change	Increased, 2011-2017 Decreased, 2017-2021	No change
least 1 day (in an		nts who did not partic activity that increase e survey)						
17.7	15.0	14.1	14.2	18.0	18.3	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change
	ical activity that inc	nts who were physical creased their heart ra						
19.9	22.5	23.2	23.9	20.5	18.4	No linear change	Increased, 2011-2017	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.

## Los Angeles 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	<u> </u>		
	age of students who were in school)	attended physical ed	lucation (PE) classe	es on 1 or more day	s (in an average			
63.4	61.0	61.1	63.2	60.7	58.7	No linear change	No quadratic change	No change
week when they	rcentage of students were in school) 33.9	who attended physical street who attended physical street at the street when t	cal education (PE)	classes on all 5 day 25.6	rs (in an average 27.9	No linear change	No quadratic change	No change
33.8								
QN81: Percenta	age of students who		om playing a sport	or being physically	active (one or			

<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.

## Los Angeles High School Survey 10-year Trend Analysis Report

otal ther		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
	age of students who	saw a dentist (for a vey)	check-up, exam, te	eth cleaning, or oth	er dental work,			
		69.6	71.7	67.5	69.6	No linear change	Not available§	No change
QNNODNT: P dental work)	ercentage of student	ts who never saw a d	entist (for a check-	up, exam, teeth clea	aning, or other	1		
		1.9	1.8	2.2	1.4	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)				
		30.2	30.5	26.0	27.8	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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Total Site-Added

e-Added		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN88: Percent	age of students who	are transgender			<del>,</del>			
			1.0	1.0	1.7	Increased, 2017-2021	Not available§	No change
QN89: Percenta masculine	age of students who	think other people a	at school would des	cribe them as equal 20.3	lly feminine and	Increased, 2013-2021	Not available	No change
		have been the victin nonths before the sur		e calling because o	f their race or			
			14.3	14.8	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.

## Los Angeles High School Survey 10-year Trend Analysis Report

		Health Risk Behavi	ior and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
		have been the victin during the 12 month			omeone thought			
9.4	9.7	9.3	5.6	8.6	11.9	No linear change	Decreased, 2011-2017 Increased, 2017-2021	Increased
			1 11		. 1. / 1			
		did something to pu rpose one or more ti						
						Increased, 2017-2021	Not available <sup>§</sup>	Increased
utting or burnii	ng themselves on pu		mes during the 12 mes during the 12 mes	months before the s	22.8	Increased, 2017-2021	Not available <sup>§</sup>	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.

## Los Angeles 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	<u> </u>		
QN94: Percenta		ever took steroid pi	lls or shots without	a doctor's prescript	ion (one or more			
		2.5	2.6	3.6	2.6	No linear change	No quadratic change	No change
3.8	3.2	2.5	2.6			No inlear change	Tvo quadratic change	Two change
		have taken over-the 5.9				Decreased, 2011-2021	No quadratic change	Decreased
QN95: Percenta heir life) 9.7	nge of students who	have taken over-the	e-counter drugs to g	et high (one or more	e times during			
QN95: Percenta heir life) 9.7	nge of students who	have taken over-the	e-counter drugs to g	et high (one or more	e times during			
QN95: Percenta heir life) 9.7 QN96: Percenta	nge of students who	have taken over-the 5.9 are sexually attracte 5.2	e-counter drugs to g 6.2 ed to females and m	et high (one or more 6.3	e times during 3.8	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.

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

## Los Angeles High School Survey 10-year Trend Analysis Report

Total Site-Added

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN98: Percenta	ge of students who	had anal sex	:	:	-	· · · ·		
14.0	9.8	10.2	9.0	12.8	6.6	Decreased, 2011-2021	No quadratic change	Decreased
QN101: Percent	age of students who	o have been taught a	bout AIDS or HIV	infection in school				:
82.0	79.4	78.1	76.3	74.6	60.2	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	Decreased
QN102: Percent	age of students who	o have had sex educ	ation in school					
			70.3	72.0	64.8	No linear change	Not available <sup>§</sup>	Decreased
		o went to the school						
(during the 12 m	onths before the su	rvey, among student	s whose school has	a school-based hea	alth center)			
				25.2	17.5	Decreased, 2019-2021	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.

# Los Angeles 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			
QN104: Percent	age of students who	have ever been tol	d by a doctor or a n	urse that they have	asthma			
16.4	19.4	19.7	20.9	18.1	17.5	No linear change	Increased, 2011-2015 No change, 2015-2021	No change
	age of students who	o reported there is at	least one teacher o	r other adult in thei	ir school that they			
			67.4	63.2	56.7	Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
QN107: Percent	age of students who	o strongly agree or a	gree that they feel l	like they belong at	their school			
				61.6	61.2	No linear change	Not available	No change
QN108: Percent	age of students who	o strongly agree or a	gree that they feel o	close to people at the	neir school			

<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		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	_		
QN109: Perceimonths before		no described their gr	ades in school as m	ostly A's or B's (dur	ing the 12 61.6	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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Male

		Health Risk Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		ode with a driver whos before the survey)		g alcohol (in a car	or other vehicle,			
25.1	19.9	20.6	14.0	15.2	12.4	Decreased, 2011-2021	No quadratic change	No change
ONIO Paranta	age of students who	drava a gar or other	vahiala whan thav	had been drinking	alaohal (one cr			,
more times duri	ng the 30 days before	drove a car or other re the survey, among						
	ng the 30 days before					Decreased, 2013-2021	Not available <sup>§</sup>	No change
more times during the 30 days before the 30 days be	ng the 30 days before the survey)  7.7  age of students who ays before the survey	re the survey, among	4.6  while driving a car of	4.4  or other vehicle (on	3.7 at least 1 day	Decreased, 2013-2021	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.

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-202
2011	2013	2015	2017	2019	2021			
		carried a gun (not co						
unting of for u	sport such as target	shooting, on at least	4.1	6.1	3.9	No linear change	Not available <sup>§</sup>	No chang
		did not go to school	because they felt u	nsafe at school or o	on their way to or			
rom school (on	at least 1 day durin	g the 30 days before	-	11.1	10.5	Increased 2011-2021	No quadratic change	No chans
			the survey) 6.3	11.1	10.5	Increased, 2011-2021	No quadratic change	No chang
7.7  QN15: Percenta	5.0 age of students who	g the 30 days before	6.3  njured with a weap	on on school prope		Increased, 2011-2021	No quadratic change	No chanş

<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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Male

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<del></del>		
QN16: Percenta survey)	ge of students who	were in a physical f	ight (one or more ti	imes during the 12	months before the			
36.3	25.3	21.1	18.2	25.1	15.8	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	Decreased
	ge of students who	were ever physicall	y forced to have sex	xual intercourse (w	hen they did not			
5.8	6.3	6.0	6.0	7.2	6.4	No linear change	No quadratic change	No change
want to) 5.8  QN20: Percenta	6.3	6.0 experienced sexual	6.0 violence (being for	7.2	6.4 o sexual things	No linear change	No	o quadratic change
nting such th	nings as kissing, tou		sically forced to ha					
		-	5.1	7.0	5.7	No linear change	Not available§	No chang

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

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

		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
dating or going of forced to have so	out with to do sexua exual intercourse] th	experienced sexual of things [counting support they did not want and or went out with a second count with the second count out with the second country of th	ich things as kissin to do, one or more	g, touching, or being times during the 1	g physically 2 months before			
	7.5	6.3	3.4	4.0	4.5	Decreased, 2013-2021	Not available§	No change
someone they winjured with an o	ere dating or going object or weapon] or	experienced physica out with [counting some or more times during the 12 mon 7.5	uch things as being ring the 12 months	hit, slammed into s before the survey, a	something, or	No linear change	Not available	No change
someone they w injured with an o who dated or we	ere dating or going object or weapon] or out with someon 7.2	out with [counting sine or more times during the 12 mon	uch things as being ring the 12 months ths before the surve 6.6	hit, slammed into s before the survey, a ey) 4.9	something, or among students 5.9	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.

ale jury and Violend		Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
		were electronically l l media, ever during			h texting,			
9.5	6.8	6.9	7.9	7.3	8.4	No linear change	No quadratic change	No change
		felt sad or hopeless ever during the 12 i			row so that they			
					row so that they 29.2	Increased, 2011-2021	No quadratic change	No change
stopped doing so	ome usual activities,	ever during the 12 i	23.5	24.7	29.2	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.

## Los Angeles 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 QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 10.4 7.9 8.8 10.8 11.6 6.7 No linear change No quadratic change Increased QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey) 8.5 5.9 6.5 7.5 8.9 8.5 No linear change No quadratic change No change QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey) 4.2 2.5 2.1 3.4 3.8 4.0 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.

## Los Angeles 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			
QN30: Percenta	ige of students who	ever tried cigarette	smoking (even one	or two puffs)	:	·		
39.9	34.7	26.6	16.9	14.7	10.7	Decreased, 2011-2021	No quadratic change	No change
QN31: Percenta	age of students who	first tried cigarette s	smoking before age	13 years (even one 5.9	or two puffs) 5.0	No linear change	Not available <sup>§</sup>	No change
QN32: Percenta		first tried cigarette s	7.3	5.9	5.0	No linear change	Not available <sup>§</sup>	No change
			7.3	5.9	5.0	No linear change  Decreased, 2011-2021	Not available <sup>§</sup> No quadratic change	
QN32: Percenta survey) 11.0	age of students who 6.8	currently smoked ci	7.3  Igarettes (on at least	5.9 1 day during the 3	5.0 0 days before the 1.4			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.

## Los Angeles High School Survey 10-year Trend Analysis Report

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
QNDAYCIG: Per perfore the survey)		nts who currently smo	oked cigarettes dail	y (on all 30 days d	uring the 30 days			
2.5	0.5	1.0	1.1	0.2	0.0	Not available	Not available§	Not available
		ever used an electronens, and mods [such 46.4				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.

## Los Angeles 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			
	rcentage of students 30 days before the s		electronic vapor pr	roducts frequently (	on 20 or more			
		2.1	1.0	1.9	0.9	No linear change	Not available§	No change
QNDAYEVP: the 30 days befo	Percentage of studer ore the survey)	nts who currently us	ed electronic vapor	products daily (on	all 30 days during	No linear change	Not available	No change
	ntage of students when 20 days before the		cigarettes or used 6	electronic vapor pro	ducts (on at least	i		
				11.5	4.9	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 Behav	ior and Percentago	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021	_		
dissolvable tob	acco products [such	o currently used smol as Copenhagen, Griz uring the 30 days before	zzly, Skoal, or Cam					
			1.6	3.1	2.7	No linear change	Not available§	No change
dip, snus, or dis	ssolvable tobacco pr	s who currently used oducts [such as Cope 0 or more days during the control of the current of th	enhagen, Grizzly, Sl	koal, or Camel Snu		Not available	Not available	Not availab
any electronic			U. /	0.4				
any electronic			0.7	0.4	0.0	1 vot a variable	Tiot available	Not availat
QNDAYSKL: dip, snus, or dis	ssolvable tobacco pr	ents who currently us oducts [such as Cope Il 30 days during the	ed smokeless tobaccenhagen, Grizzly, Sl	co daily (chewing t	cobacco, snuff,	- Tot uvullaore	Total analoge	rvot availar

<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.

## Los Angeles 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			
	age of students who ys before the survey	currently smoked ci	gars (cigars, cigari	llos, or little cigars,	on at least 1 day			
11.8	7.1	5.5	3.7	4.9	1.8	Decreased, 2011-2021	No quadratic change	Decreased
				,				
		o currently smoked at 1 day during the 3	0 days before the s	urvey)		Decreased 2017 2021	Not available <sup>§</sup>	Росполог
ectronic vapor	products (on at leas	st 1 day during the 3	0 days before the s	12.0	4.8	Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
ectronic vapor  NFRCGR: Pe	products (on at leas		0 days before the standard 7.8 ked cigars frequent	12.0	4.8	Decreased, 2017-2021	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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Male **Tobacco Use Linear Change**\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) 13.0 8.4 6.8 4.0 4.3 1.8 Decreased, 2011-2021 No quadratic change Decreased

all 30 days during the 30 days before the survey)

2.1 0.6 0.9 1.0 1.0 0.1 No linear change No quadratic change No change

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on

<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.

# Los Angeles High School Survey 10-year Trend Analysis Report

ohol and Other	<u> </u>	Health Risk Behav	vior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 $^{\dagger}$
2011	2013	2015	2017	2019	2021			
V40: Percenta	age of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
27.5	18.6	17.2	16.4	17.9	12.9	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

12.6

Decreased, 2011-2021

No quadratic change

18.9

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day

QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at

19.9

20.0

Male

during the 30 days before the survey)

24.0

32.0

Decreased

least 1 day during the 30 days before the survey) 7.6 5.5 3.6 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.

### Los Angeles High School Survey 10-year Trend Analysis Report

Male **Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey) 2.0 1.0 No linear change Not available§ No change QN45: Percentage of students who ever used marijuana (one or more times during their life) 43.8 32.7 18.7 38.4 34.4 36.5 Decreased, 2011-2021 No quadratic change Decreased QN46: Percentage of students who tried marijuana for the first time before age 13 years 15.1 9.6 9.2 7.9 8.4 4.9 Decreased, 2011-2021 No quadratic change Decreased QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) 20.0 19.0 22.0 9.1 No quadratic change 24.8 17.4 Decreased, 2011-2021 Decreased

<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.

ohol and Othe	r Drug Use	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
QN48: Percenta	age of students who	ever used synthetic	marijuana (one or r	nore times during t	neir life)			
		6.4	7.9	9.0	5.8	No linear change	Not available <sup>§</sup>	No change
2N40 P +	age of students who	ever took prescripti				<del></del>		
ifferently than	how a doctor told t	hem to use it (counti more times during t		deine, Vicodin, Ox	yContin,			
ifferently than	how a doctor told t			deine, Vicodin, Ox	yContin, 9.7	No linear change	Not available	Decrease
ifferently than Hydrocodone, a QN50: Percenta	how a doctor told to	more times during t	heir life) 10.9	14.3	9.7	No linear change	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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Male **Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life) 6.4 4.3 5.9 12.4 8.4 7.1 Decreased, 2011-2021 Decreased, 2011-2017 No change No change, 2017-2021 QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life) 6.7 4.0 2.8 2.5 5.7 3.1 No change No linear change No quadratic change QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life) 2.5 4.2 8.0 6.4 4.6 2.4 Decreased, 2011-2021 No quadratic change No change QN54: Percentage of students who ever used ecstasy (also called "MDMA" or "Molly," one or more times during their life) 15.5 10.2 5.1 4.3 6.3 4.0 Decreased, 2011-2021 Decreased, 2011-2015 No change 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Male **Alcohol and Other Drug Use** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN55: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life) 4.7 3.0 2.6 3.0 3.9 2.7 No linear change No quadratic change No change QN56: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey) 37.1 31.1 30.1 29.5 30.9 20.6 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.

## Los Angeles 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>		
QN57: Percentag	ge of students who	ever had sexual inte	ercourse	:	;			
43.2	37.2	32.7	34.3	36.7	22.1	Decreased, 2011-2021	No quadratic change	Decreased
QN58: Percentag	ge of students who	had sexual intercoun	rse for the first time	e before age 13 year	rs			
9.0	5.5	5.7	5.3	5.1	3.3	Decreased, 2011-2021	No quadratic change	No change
QN59: Percentag	ge of students who	had sexual intercoun	rse with four or mo	re persons during th	neir life			
12.8	10.5	9.5	9.5	8.6	5.3	Decreased, 2011-2021	No quadratic change	No change
	ge of students who e 3 months before	were currently sexu	ally active (had sex	xual intercourse with	h at least one			,
person, during in	e 3 months before	me survey)		19.7	12.7	Decreased, 2019-2021	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*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
	age of students who atly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
				16.0	20.0	No linear change	Not available§	No change
QN62: Percenta		used a condom durin	ng last sexual intere	course (among stud	ents who were			+
		used a condom durin	ng last sexual intere	course (among stud	ents who were	No linear change	Not available	No change
QN82: Percenta	y active)	used a condom during were ever tested for		62.2	61.1	No linear change	Not available	No change
QN82: Percenta	y active)  ge of students who			62.2	61.1	No linear change  Decreased, 2011-2021	Not available  No quadratic change	No change
QN82: Percenta ests done if the	nge of students who y donated blood) 15.2	were ever tested for 13.7	human immunode 10.1	62.2 ficiency virus (HIV	61.1 ) (not counting 7.9			
QN82: Percentatests done if they	nge of students who y donated blood)  15.2  nge of students who	were ever tested for	human immunode 10.1 xually transmitted c	62.2 ficiency virus (HIV	61.1 ) (not counting 7.9			

<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 <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	:			
28.3	31.3	31.0	33.5	32.7	38.2	Increased, 2011-2021	No quadratic change	No change
		ho were overweight			ile for body mass			
					ile for body mass	No linear change	No quadratic change	No change
15.9  QNOBESE: Per	sex- and age-specifi 17.2	c reference data fro	m the 2000 CDC gr 17.2 = 95th percentile for	owth charts) <sup>§</sup> 17.0	18.6	No linear change	No quadratic change	No change
15.9  QNOBESE: Per	sex- and age-specifi 17.2	c reference data fro 15.9 who had obesity (>	m the 2000 CDC gr 17.2 = 95th percentile for	owth charts) <sup>§</sup> 17.0	18.6	No linear change  Increased, 2011-2021	No quadratic change  No change, 2011-2015 Increased, 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>lt;sup>§</sup>Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Not enough years of data to calculate.

Iale Veight Managemo	ent and Dietary Be	haviors Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021			
QN69: Percenta	ge of students who	did not eat fruit (on	e or more times dur	ring the 7 days before	ore the survey)			
11.1	11.3	11.2	10.6	12.8	12.7	No linear change	No quadratic change	No change
		did not drink a can, t pop, one or more t						
18.9	23.9	22.9	22.4	29.3	28.2	Increased, 2011-2021	No quadratic change	No change
		who drank a can, b						
24.8	18.0	14.5	14.4	12.1	14.8	Decreased, 2011-2021	Decreased, 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.

	:	Health Risk Behavi	or and Percentage	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		who drank a can, be counting diet soda o						
14.8	11.5	8.1	9.0	8.1	9.0	Decreased, 2011-2021	No quadratic change	No change
0)	ge of students who	did not eat breakfast	(during the 7 days	before the survey)				
QN/6: Percenta								
QN /6: Percenta	13.3	10.6	11.9	15.8	19.4	Increased, 2013-2021	Not available <sup>§</sup>	No change
		10.6				Increased, 2013-2021	Not available⁵	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.

Not enough years of data to calculate.

hysical Activity		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	_		
	activity that increas	were physically acti sed their heart rate an						
46.5	49.9	54.6	56.7	45.0	42.7	No linear change	Increased, 2011-2017 Decreased, 2017-2021	No change
least 1 day (in ar		nts who did not partic activity that increase e survey)						
13.9	12.3	12.0	11.9	14.5	14.9	No linear change	No quadratic change	No change
	ical activity that in	nts who were physica creased their heart ra						,
26.0	28.8	30.3	30.7	26.4	23.6	No linear change	Increased, 2011-2017 Decreased, 2017-2021	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.

## Los Angeles 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	_		
	age of students who were in school)	attended physical ed	lucation (PE) classe	es on 1 or more day	rs (in an average			
63.2	62.4	61.1	66.1	61.9	59.5	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			
32.5	34.3	34.0	43.9	28.2	30.5	No linear change	No quadratic change	No change
MO1. Damaanta	age of students who	had a concussion from the survey)	om playing a sport	or being physically	active (one or			
	ng the 12 months oc							

<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			
	age of students who	saw a dentist (for a vey)	check-up, exam, tec	eth cleaning, or oth	er dental work,			
		68.5	70.4	65.4	67.2	No linear change	Not available§	No change
QNNODNT: Po	ercentage of studen	ts who never saw a d	entist (for a check-	up, exam, teeth clea	aning, or other			
		2.1	1.7	2.4	2.1	No linear change	Not available	No change
QN86: Percenta	age of students who	got 8 or more hours	of sleep (on an ave	erage school night)		1		
					28.7	Decreased, 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Male Site-Added

e-Added		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN88: Percenta	age of students who	are transgender			•			
			0.4	0.6	1.0	Increased, 2017-2021	Not available§	No change
QN89: Percenta masculine	age of students who	think other people a	at school would des	cribe them as equal	ly feminine and	Increased, 2013-2021	Not available	Decreased
		have been the victir nonths before the sur		e calling because o	f their race or			
			15.4	13.6	15.0	No linear change	Not available	No change

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

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

	]	Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
		have been the victin during the 12 month			omeone thought			
10.6	9.5	10.2	5.5	8.9	10.9	No linear change	No quadratic change	No change
N92: Percentage utting or burning	ge of students who g themselves on pu	did something to purpose one or more ti	rposely hurt themsomes during the 12	elves without wanti months before the s 12.7	ng to die (such as survey) 15.9	No linear change  Increased, 2017-2021	No quadratic 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.

## Los Angeles 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			
QN94: Percenta times during thei		ever took steroid pi	lls or shots without	a doctor's prescript	ion (one or more			
	2.0	2.0	1.7	5.1	3.4	No linear change	No quadratic change	No change
5.2	3.8	3.0	1.7	5.1	<b>у.</b> -т	110 inical change	1 to quadratic change	2.0 282
QN95: Percenta		have taken over-the				No medi change	To quadratic change	
QN95: Percenta	ge of students who	have taken over-the	-counter drugs to g	et high (one or mor	e times during			
QN95: Percenta		,				Decreased, 2011-2021	No quadratic change	No change
QN95: Percenta heir life) 10.3	ge of students who	have taken over-the	-counter drugs to g	et high (one or mor	e times during			
QN95: Percenta heir life) 10.3	ge of students who	have taken over-the 5.9	-counter drugs to g	et high (one or mor	e times during			
QN95: Percenta heir life) 10.3 QN96: Percenta	ge of students who	have taken over-the 5.9  are sexually attracte 2.1	-counter drugs to g 6.4 ed to females and m	et high (one or mor 6.8	e times during 3.7	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.

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

## Los Angeles High School Survey 10-year Trend Analysis Report

Male Site-Added

e-Added		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021			
QN98: Percentag	ge of students who	had anal sex	:	· · · · · · · · · · · · · · · · · · ·	<del>-</del>	,		
17.3	12.6	12.5	11.5	17.4	7.7	Decreased, 2011-2021	No quadratic change	Decreased
QN101: Percent	age of students who	have been taught a	bout AIDS or HIV	infection in school				
79.9	78.1	79.1	80.4	73.9	63.2	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	Decreased
QN102: Percenta	age of students who	have had sex educ	ation in school					
			73.7	72.2	67.3	No linear change	Not available <sup>§</sup>	No change
		o went to the school						
(during the 12 m	onths before the su	rvey, among student	is whose school has	a school-based nea	aith center)			
				25.8	16.7	Decreased, 2019-2021	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.

## Los Angeles 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>		
QN104: Percent	age of students wh	o have ever been tol	d by a doctor or a n	urse that they have	asthma			
18.0	19.8	18.7	20.9	18.8	18.3	No linear change	No quadratic change	No change
	age of students who	o reported there is at	t least one teacher of	or other adult in thei	ir school that they	y Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
QN107: Percent	age of students wh	o strongly agree or a	agree that they feel	like they belong at	their school			
				66.1	65.0	No linear change	Not available	No change
QN108: Percent	age of students who	o strongly agree or a	agree that they feel	close to people at the	neir school	+		

<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 Site-Added		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	_		
QN109: Percer months before t		no described their gr	ades in school as m	ostly A's or B's (dur 51.5	fing the 12 60.0	No linear change	Not available <sup>§</sup>	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.

ury and Violen		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		ode with a driver whys before the survey)		g alcohol (in a car	or other vehicle,			
23.0	24.2	19.1	15.3	13.9	14.0	Decreased, 2011-2021	No quadratic change	No change
	ng the 30 days before	drove a car or other re the survey, among 4.4				No linear change	Not available <sup>§</sup>	No chang
		texted or e-mailed v						
	nys before the survey (y)	y, among students w	no nad driven a car	or other vemere de	ing ine co 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.

nale ury and Violen		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	tage of students who a sport such as target							
nunting of for a	a sport such as target	shooting, on at leas	i i day during the i	2 months before the	e survey)			
			2.5	2.1	1.8	No linear change	Not available§	No change
			2.5	2.1	1.8	No linear change	Not available <sup>§</sup>	No change
	tage of students who n at least 1 day durin		because they felt u			<u> </u>	Not available <sup>§</sup>	No change
			because they felt u			<u> </u>	Not available <sup>§</sup> No change, 2011-2015 Increased, 2015-2021	No change
7.8  QN15: Percent	n at least 1 day durin	g the 30 days before 5.8 were threatened or	because they felt u the survey) 8.6	14.9	on their way to or		No change, 2011-2015	

<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.

## Los Angeles High School Survey 10-year Trend Analysis Report

	]	Health Risk Behav	ior and Percentag	Linear Change*	Quadratic Change*	Change from 2019-2021 †		
2011	2013	2015	2017	2019	2021			
QN16: Percenta survey)	ge of students who	were in a physical f	ight (one or more ti	mes during the 12 i	months before the			
21.1	18.4	11.7	13.0	13.9	9.5	Decreased, 2011-2021	No quadratic change	Decreased
		were ever physicall	y forced to have sex	kual intercourse (wl	nen they did not			
QN19: Percenta want to)	ge of students who							

12.2

13.1

No linear change

Not available§

11.7

No change

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

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

		Health Risk Behav	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †			
2011	2013	2015	2017	2019	2021	<del></del>		
dating or going forced to have s	out with to do sexu exual intercourse] t	o experienced sexual al things [counting so hat they did not wan ted or went out with	uch things as kissin t to do, one or more	ng, touching, or being times during the 1	ng physically 2 months before			
	15.3	10.8	6.0	6.8	10.4	Decreased, 2013-2021	Not available <sup>§</sup>	No change
someone they winjured with an	ere dating or going object or weapon]	experienced physical out with [counting sone or more times dune during the 12 mon	uch things as being ring the 12 months	g hit, slammed into before the survey,	something, or			
	7.4	6.6	6.6	5.8	5.2	No linear change	Not available	No change
	age of students who	were bullied on sch	ool property (ever	during the 12 month	ns before the			
QN23: Percenta survey)	igo or students with							

<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 njury and Violenc		Health Risk Behav	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>			
2011	2013	2015	2017	2019	2021			
		were electronically l media, ever during			h texting,			
16.0	9.9	11.7	13.9	11.8	12.5	No linear change	Decreased, 2011-2015 No change, 2015-2021	No change
		felt sad or hopeless, ever during the 12			row so that they			
36.5	38.4	37.1	37.6	43.4	53.4	Increased, 2011-2021	No change, 2011-2017 Increased, 2017-2021	Increased
QN26: Percenta survey)	ge of students who	seriously considered	d attempting suicide	e (during the 12 mo	onths before the			
19.3	18.5	17.6	16.3	16.8	22.6	No linear change	Decreased, 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.

## Los Angeles 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 QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 16.9 19.2 16.5 14.1 13.6 13.8 No linear change Decreased, 2011-2017 Increased Increased, 2017-2021 QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey) 12.8 11.0 10.1 9.0 9.9 10.3 No linear change No quadratic change No change QN29: Percentage of students who had a suicide attempt that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse (during the 12 months before the survey) 4.0 3.5 2.2 2.0 2.7 3.4 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

**Female** 

		Health Risk Behav	ior and Percentag	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>		
2011	2013	2015	2017	2019	2021	<u> </u>		
N30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)	<del>:</del>			
38.3	32.2	21.8	18.6	14.9	12.2	Decreased, 2011-2021	No quadratic change	No change
N31: Percenta	ge of students who	first tried cigarette s	smoking before age	13 years (even one 5.9	or two puffs) 4.8	No linear change	Not available <sup>§</sup>	No change
		first tried cigarette s	4.4	5.9	4.8	No linear change	Not available <sup>§</sup>	No change
N32: Percenta			4.4	5.9	4.8	No linear change  Decreased, 2011-2021	Not available <sup>§</sup> No quadratic change	No change
N32: Percenta urvey) 6.8	ge of students who 6.7 centage of students	currently smoked ci	4.4  Igarettes (on at least	5.9 t 1 day during the 3	4.8  0 days before the  1.6			

<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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Female

		Health Risk Behavi	Linear Change*	Quadratic Change*	Change from 2019-2021 †			
2011	2013	2015	2017	2019	2021	<del></del>		
QNDAYCIG: Perperson of the survey		nts who currently sme	oked cigarettes dail	ly (on all 30 days d	uring the 30 days			
0.7	0.3	0.6	0.3	0.1	0.0	Not available	Not available§	Not available
		ever used an electronens, and mods [such 41.3				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.

# Los Angeles High School Survey 10-year Trend Analysis Report

Female

		Health Risk Behavi	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †			
2011	2013	2015	2017	2019	2021			
	ercentage of students 30 days before the s	s who currently used survey)	electronic vapor pr	roducts frequently (	on 20 or more			
		0.3	0.7	1.1	1.6	Increased, 2015-2021	Not available§	No change
QNDAYEVP: the 30 days befo		nts who currently use	ed electronic vapor	products daily (on	all 30 days during	5		
		0.3	0.7	1.0	0.9	Increased, 2015-2021	Not available	No change
	ntage of students wh	no currently smoked	cigarettes or used e	electronic vapor pro	ducts (on at least	<del> </del>		
	e 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 <sup>*</sup>	Quadratic Change*	Change from 2019-2021	
2011	2013	2015	2017	2019	2021	_			
dissolvable tob	acco products [such	2015 2017 2019 2021  s who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic ay during the 30 days before the survey)							
			2.0	2.5	1.9	No linear change	Not available§	No change	
dip, snus, or dis	ercentage of students ssolvable tobacco pr vapor products, on 2	oducts [such as Cop	enhagen, Grizzly, S	koal, or Camel Snu		No linear change	Not available	No change	
			0.0	0.0	0.0	110 mour enange	1100 4114010	Tio change	
dip, snus, or dis	Percentage of stude ssolvable tobacco pryapor products, on a	oducts [such as Cop	enhagen, Grizzly, S	koal, or Camel Snu					

<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.

## Los Angeles 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			
		igars (cigars, cigari	llos, or little cigars,	on at least 1 day			
4.5	3.3	1.5	1.8	1.4	Decreased, 2011-2021	No quadratic change	No change
	2013  age of students who have before the survey	2013 2015  age of students who currently smoked cays before the survey)	2013 2015 2017  age of students who currently smoked cigars (cigars, cigariays before the survey)	age of students who currently smoked cigars (cigars, cigarillos, or little cigars, sys before the survey)	2013 2015 2017 2019 2021  age of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day before the survey)	2013 2015 2017 2019 2021  age of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day before the survey)	2013 2015 2017 2019 2021  age of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day before the survey)

QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars,

QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or

on 20 or more days during the 30 days before the survey)

0.7 0.3 0.6

electronic vapor products (on at least 1 day during the 30 days before the survey)

0.3

4.0

0.4

11.1

0.4

11.2

No linear change

Increased, 2017-2021

No quadratic change

Not available§

No change

No change

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

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

## **Los Angeles High School Survey** 10-year Trend Analysis Report

Female Tobacco Use		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			
QNTB2: Percei before the surve	ntage of students wh	o currently smoked	l cigarettes or cigare	s (on at least 1 day of	during the 30 days			
7.1	7.3	4.3	1.7	2.0	2.2	Decreased, 2011-2021	No quadratic change	No change

0.3

0.4

No linear change

No quadratic change

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on

0.3

0.5

all 30 days during the 30 days before the survey) 0.2

0.6

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.

## Los Angeles High School Survey 10-year Trend Analysis Report

		Health Risk Behavi	or and Percentage	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN40: Percentag	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
22.8	17.6	13.4	14.4	12.7	15.2	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change
	ge of students who s before the survey	currently drank alco	hol (at least one dri	nk of alcohol, on a	t least 1 day			,
33.8	31.5	23.4	25.0	23.2	16.3	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.

<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			
		reported that the lar		nks they had in a rov	v was 10 or more			
				1.1	0.4	No linear change	Not available§	No change
QN45: Percenta	age of students who	ever used marijuana	(one or more time	s during their life)				
QN45: Percenta 40.5	age of students who	ever used marijuana 36.5	(one or more time	s during their life) 40.6	22.5	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	Decreased
40.5	40.4	-	37.5	40.6	22.5	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	Decreased
40.5	40.4	36.5	37.5	40.6	22.5	Decreased, 2011-2021  No linear change	No change, 2011-2017 Decreased, 2017-2021 No quadratic change	Decreased No chang
40.5 QN46: Percenta 8.8	40.4 age of students who 9.0	36.5	37.5 the first time before 6.2	40.6 e age 13 years 7.5	5.9		Decreased, 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 Behavi	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN48: Percent	age of students who	ever used synthetic	marijuana (one or r	nore times during th	neir life)			
		6.4	4.9	7.0	5.2	No linear change	Not available§	No change
20140 D	age of students who	ever took prescription	on pain medicine w	ithout a doctor's pre	escription or			
lifferently than	how a doctor told the	nem to use it (counting the more times during the	ng drugs such as co	deine, Vicodin, Öx		Increased, 2017-2021	Not available	No chang
lifferently than	how a doctor told the	nem to use it (counting	ng drugs such as co neir life)		yContin,	Increased, 2017-2021	Not available	No chang
lifferently than Hydrocodone, a QN50: Percent.	how a doctor told thand Percocet, one or	nem to use it (counting the more times during the ever used cocaine (a	ng drugs such as co neir life) 10.3	16.4	yContin, 13.9	Increased, 2017-2021	Not available	No chanş

<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.

### Los Angeles High School Survey 10-year Trend Analysis Report

**Female Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life) 8.0 16.8 12.7 6.6 7.0 8.3 Decreased, 2011-2021 Decreased, 2011-2017 No change No change, 2017-2021 QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life) 1.3 1.8 1.1 1.0 1.9 1.1 No change No linear change No quadratic change QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life) 3.8 2.2 2.7 2.0 5.2 1.4 Decreased, 2011-2021 No quadratic change No change QN54: Percentage of students who ever used ecstasy (also called "MDMA" or "Molly," one or more times during their life) 2.4 16.7 11.5 3.9 3.1 3.0 Decreased, 2011-2021 Decreased, 2011-2017 No change No change, 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

**Female Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN55: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life) 1.7 0.8 1.3 2.2 2.2 1.3 No linear change No quadratic change No change QN56: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey) 41.4 27.8 24.7 28.8 27.8 20.9 Decreased, 2011-2021 Decreased, 2011-2015 Decreased 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.

## Los Angeles 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			
QN57: Percentag	ge of students who	ever had sexual inte	ercourse		;			
34.2	28.0	22.9	25.5	25.6	18.9	Decreased, 2011-2021	No quadratic change	No change
QN58: Percentag	ge of students who	had sexual intercou	rse for the first time	e before age 13 year	rs			-
2.2	2.7	2.0	2.0	3.0	2.3	No linear change	No quadratic change	No change
QN59: Percentag	ge of students who	had sexual intercou	rse with four or mo	re persons during th	neir life			
5.3	4.7	2.3	4.2	3.5	1.5	Decreased, 2011-2021	No quadratic change	No change
	ge of students who e 3 months before	were currently sexu	ally active (had sex	xual intercourse with	h at least one			,
ocison, during th	c 5 months before	uic sui vey)		16.6	12.3	No linear change	Not available§	No change

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

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	t sexual intercourse	(among students			
				12.4	11.8	No linear change	Not available§	No change
N62: Percenta	ge of students who	used a condom duri	ng last sexual inter	course (among stud	lents who were			
		used a condom duri	ng last sexual inter	course (among stud	lents who were 55.0	Increased, 2019-2021	Not available	No change
currently sexuall  QN82: Percenta	y active)	used a condom duri		40.5	55.0	Increased, 2019-2021	Not available	No change
currently sexuall  QN82: Percenta	y active) ge of students who			40.5	55.0	Increased, 2019-2021  Decreased, 2011-2021	Not available  No quadratic change	No change
QN82: Percenta lests done if they 16.5	ge of students who donated blood)  14.5  ge of students who	were ever tested for	human immunode 10.7	40.5 ficiency virus (HIV 10.2	55.0 () (not counting 6.7	·		

<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.

	]	Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	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				
33.8	40.9	40.7	41.0	40.3	39.3	No linear change	Increased, 2011-2015 No change, 2015-2021	No change
		ho were overweight c reference data from			ile for body mass			
					ile for body mass	No linear change	No quadratic change	No change
18.0  QNOBESE: Per	sex- and age-specifi 18.5	c reference data from	m the 2000 CDC gr 19.6 = 95th percentile fo	owth charts) <sup>§</sup> 21.6	21.7	No linear change	No quadratic change	No change
18.0  QNOBESE: Per	sex- and age-specifi 18.5	c reference data from 23.8 who had obesity (>	m the 2000 CDC gr 19.6 = 95th percentile fo	owth charts) <sup>§</sup> 21.6	21.7	No linear change  Increased, 2011-2021	No quadratic change  No quadratic change	
18.0  QNOBESE: Per and age-specific 6.3	sex- and age-specifi 18.5  reentage of students reference data from 8.6	23.8  who had obesity (> the 2000 CDC grow	19.6  = 95th percentile fowth charts)§  11.3	owth charts)§ 21.6  or body mass index,	21.7 based on sex-			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>lt;sup>§</sup>Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Not enough years of data to calculate.

Female Weight Manageme	ent and Dietary Be	haviors Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN69: Percenta	ge of students who	did not eat fruit (on	e or more times dur	ing the 7 days befo	ore the survey)			
8.9	7.3	6.2	6.3	8.4	11.4	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change
		did not drink a can, t pop, one or more to						
25.7	24.2	31.8	34.4	36.2	28.1	Increased, 2011-2021	Increased, 2011-2017 Decreased, 2017-2021	Decreased
		who drank a can, b						
17.3	14.8	8.3	9.1	8.6	8.9	Decreased, 2011-2021	Decreased, 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.

		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, be counting diet soda o						
11.7	9.7	4.8	5.1	4.8	5.0	Decreased, 2011-2021	Decreased, 2011-2015	No abones
11.7	8.7	4.0	3.1	4.0	5.0	Decreased, 2011-2021	No change, 2015-2021	No change
		did not eat breakfas			5.0	Decreased, 2011-2021		No change
					25.7	Increased, 2013-2021		Increased
QN76: Percenta	age of students who	did not eat breakfas	t (during the 7 days	before the survey) 16.4	25.7		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.

emale hysical Activity		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	<del>_</del>		
	activity that increas	were physically acti sed their heart rate a						
31.4	38.1	39.1	40.2	30.2	28.8	No linear change	Increased, 2011-2015 Decreased, 2015-2021	No change
least 1 day (in an		nts who did not particactivity that increase e survey)						
21.8	17.9	16.1	16.3	21.8	21.9	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change
	ical activity that in	nts who were physica creased their heart ra						
13.3	16.1	16.5	17.0	15.4	13.0	No linear change	Increased, 2011-2017 Decreased, 2017-2021	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.

# Los Angeles 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	_		
	age of students who were in school)	attended physical ed	lucation (PE) classe	es on 1 or more day	vs (in an average	,		
63.6	59.4	60.8	60.3	57.3	57.8	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	ys (in an average			,
35.5	33.2	39.2	43.0	24.8	25.0	No linear change	No quadratic change	No change
		had a concussion from	om playing a sport	or being physically	active (one or			
QN81: Percenta nore times durii	ng the 12 months be	rore 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Famala

ther		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021	<u> </u>		
	age of students who	saw a dentist (for a vey)	check-up, exam, te	eth cleaning, or oth	er dental work,			
		71.0	73.1	70.3	72.0	No linear change	Not available <sup>§</sup>	No change
QNNODNT: Podental work)	ercentage of studen	ts who never saw a d	entist (for a check-	up, exam, teeth clea	aning, or other			,
,		1.7	1.7	1.7	0.7	No linear change	Not available	No change
QN86: Percenta	age of students who	got 8 or more hours	of sleep (on an ave	erage school night)				,
		27.5	27.4	21.6	26.9	No linear change	Not available	Increased

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

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

## Los Angeles High School Survey 10-year Trend Analysis Report

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			
QN88: Percenta	age of students who	are transgender			:			
			1.4	1.1	2.1	No linear change	Not available§	No change
QN89: Percenta masculine	age of students who	think other people a	at school would des	cribe them as equal 22.1	ly feminine and 20.4	Increased, 2013-2021	Not available	No change
		have been the victir		e calling because o	f their race or			
			13.1	16.1	15.4	No linear change	Not available	No change

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

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

Female
Site-Added

	]	Health Risk Behavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		have been the victin during the 12 month			omeone thought			
8.0	9.9	8.4	5.6	8.0	12.9	No linear change	No change, 2011-2017 Increased, 2017-2021	Increased
		did something to pur rpose one or more ti						
utiling of buffill				•••	20.0	Ingressed 2017 2021	Not available§	
atting of bullin			19.5	20.9	29.9	Increased, 2017-2021	Not available	Increased
	age of students who	ever drank alcohol (				increased, 2017-2021	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.

## Los Angeles 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	<u> </u>		
QN94: Percenta		ever took steroid pi	lls or shots without	a doctor's prescript	ion (one or more			
			2.2	1.5	1.8	No linear change	No quadratic change	No change
1.8	2.5	1.8	3.3			No inteat change	No quadratic change	- Two change
		have taken over-the				Decreased, 2011-2021	No quadratic change	
QN95: Percenta heir life) 8.5	age of students who	have taken over-the	e-counter drugs to g	et high (one or more	e times during			No change
QN95: Percenta heir life) 8.5	age of students who	have taken over-the	e-counter drugs to g	et high (one or more	e times during			
QN95: Percenta heir life) 8.5 QN96: Percenta	age of students who	have taken over-the 5.9 are sexually attracte 8.1	5.9 ed to females and m	et high (one or mor 5.4	e times during 3.8	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.

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

## Los Angeles High School Survey 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			
QN98: Percenta	ge of students who	had anal sex	:	· · · · · · · · · · · · · · · · · · ·	:			
9.9	6.6	7.7	6.3	9.0	5.4	No linear change	No quadratic change	No change
QN101: Percent	age of students who	have been taught a	about AIDS or HIV	infection in school				
84.2	80.8	77.2	72.4	74.8	57.3	Decreased, 2011-2021	No quadratic change	Decreased
QN102: Percent	age of students who	have had sex educ	ation in school					
			66.8	71.8	62.2	No linear change	Not available§	Decreased
QN103: Percent	age of students who	o went to the school	-based health cente	r at their school one	e or more times			
		rvey, among studen						
				25.0	18.4	No linear change	Not available	No change

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

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

## Los Angeles High School Survey 10-year Trend Analysis Report

	]	Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
QN104: Percent	age of students who	have ever been tole	d by a doctor or a n	urse that they have	asthma			
14.3	18.6	20.6	21.0	18.1	16.8	No linear change	Increased, 2011-2015 No change, 2015-2021	No change
	age of students who	reported there is at	least one teacher o	r other adult in thei	r school that they			
			67.2	63.1	57.4	Decreased, 2017-2021	Not available <sup>§</sup>	No change
N107: Percent	age of students who	o strongly agree or a	gree that they feel l	ike they belong at	their school			
				58.8	57.3	No linear change	Not available	No change
				36.6	37.3	No illear change	Not available	No change
QN108: Percent	age of students who	o strongly agree or a	gree that they feel of			No linear change	Not available	No change

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

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

Female Site-Added		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			
QN109: Percen		no described their gr	ades in school as m	ostly A's or B's (dur	ring the 12			
			62.8	66.1	63.4	No linear change	Not available§	No change

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

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

		Health Risk Beha	vior and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		ode with a driver whys before the survey)		g alcohol (in a car	or other vehicle,			
14.8	21.4	20.8	14.9	6.4	10.5	Decreased, 2011-2021	No change, 2011-2015 Decreased, 2015-2021	No change
		carried a gun (not coshooting, on at least						
						Not available	Not available¶	Not availab
hunting or for a  QN14: Percenta	sport such as target		1 day during the 1: 4.3 because they felt u	2 months before the	e survey) 2.7		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.

		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			
		were threatened or i			rty (such as a			
an, kinne, or en				•				
6.4	4.4	6.5	5.3	5.7	4.2	No linear change	No quadratic change	No chang
6.4 2N16: Percenta	4.4	6.5 were in a physical f				<u>-</u>	No quadratic change	No chang
6.4 N16: Percenta	4.4					<u>-</u>	No quadratic change	No chang
6.4 QN16: Percenta urvey) 24.2	4.4 ge of students who 19.4	were in a physical f	ight (one or more ti	mes during the 12 i	months before the			

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

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

/hite* ajury and Viole	nce	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			
[counting such t	things as kissing, to	experienced sexual uching, or being phy	sically forced to ha	ve sexual intercour	o sexual things se] that they did			
not want to do,	one or more times d	luring the 12 months	before the survey)					
			7.0	4.0	11.0	Ma Languaghana	NI n 4 n n : 1 n 1 n 1 n 1	Na alama
			7.9	4.0	11.8	No linear change	Not available <sup>¶</sup>	No change
	age of students who	were bullied on sch				No linear change	Not available <sup>¶</sup>	No chang
QN23: Percenta survey)	age of students who	were bullied on sch				No linear change  No linear change	Not available 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.

Vhite* njury and Violen	ce							
		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			
		felt sad or hopeless ever during the 12 i			row so that they			
17.8	28.3	28.4	27.6	33.2	28.6	Increased, 2011-2021	No quadratic change	No change
QN26: Percentag survey)	ge of students who	seriously considered	l attempting suicide	e (during the 12 mo	nths before the			
	ge of students who	seriously considered	1 attempting suicide	e (during the 12 mo	nths before the	No linear change	No quadratic change	No change
survey) 12.1	12.4 ge of students who		14.5	6.8	15.4	No linear change	No quadratic change	No change
survey) 12.1  QN27: Percentag	12.4 ge of students who	12.2	14.5	6.8	15.4	No linear change  No linear change	No quadratic change  No quadratic change	
QN27: Percentag before the survey	12.4 ge of students who 18.0	12.2	14.5 ow they would atte	6.8 empt suicide (during 6.6	15.4 g the 12 months			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.

Vhite* njury and Violence	•	Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup> Quadratic Change	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
			pt that resulted in a onths before the sur	n injury, poisoning, vey)	or overdose that			
2.8	0.8	0.8	6.1	0.0	2.0	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.

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

## **Los Angeles 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			
QN30: Percenta	age of students who	ever tried cigarette	smoking (even one	or two puffs)	:			
34.0	33.7	25.6	24.1	22.3	11.9	Decreased, 2011-2021	No quadratic change	No change
QN31: Percenta	age of students who	first tried cigarette s		•	-	No linear change	Not available	No change
		first tried cigarette s	6.6	9.1	2.4	No linear change	Not available <sup>¶</sup>	No change
QN32: Percenta			6.6	9.1	2.4	<u>-</u>	Not available¶	No change
QN32: Percenta survey) 9.5	age of students who 8.7 centage of students	currently smoked ci	6.6 garettes (on at leas	9.1 t 1 day during the 3	2.4  0 days before the  0.6			

<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.

# Los Angeles High School Survey 10-year Trend Analysis Report

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

		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	<u> </u>		
QNDAYCIG: 1 before the surve		ts who currently smo	oked cigarettes dail	ly (on all 30 days d	uring the 30 days			
1.6	0.0	2.5	0.0	0.0	0.0	Not available	Not available¶	Not available
		ever used an electronens, and mods [such 36.6				No linear change	Not available	Decreased
vape pens, e-cig		currently used an ele kah pens, and mods   e 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.

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			
	rcentage of students 30 days before the	s who currently used survey)	electronic vapor pr	roducts frequently (	on 20 or more			
		2.1	1.2	0.0	2.4	Not available	Not available <sup>¶</sup>	Not available
QNDAYEVP: the 30 days before		nts who currently us	ed electronic vapor	products daily (on	all 30 days durin	g		
		2.1	0.0	0.0	1.9	Not available	Not available	Not available
	ntage of students when the 30 days before the	no currently smoked survey)	cigarettes or used of	electronic vapor pro	ducts (on at leas	t		
		21.7	9.5	13.2	6.5	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.

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	_		
dissolvable toba	acco products [such	o currently used smol as Copenhagen, Gri aring the 30 days bef	zzly, Skoal, or Cam					
			1.8	1.8	4.8	No linear change	Not available¶	Increased
	<del></del>		:			:		
dip, snus, or dis	ssolvable tobacco pr	s who currently used oducts [such as Cop 0 or more days durin	enhagen, Grizzly, S	koal, or Camel Snu		Not available	Not available	Not availab
dip, snus, or dis any electronic v QNDAYSKL: dip, snus, or dis	esolvable tobacco provapor products, on 2  Percentage of stude ssolvable tobacco pr	oducts [such as Cop	enhagen, Grizzly, S ng the 30 days befor 0.0  ed smokeless tobac enhagen, Grizzly, S	koal, or Camel Snure the survey)  0.0  co daily (chewing to koal, or Camel Snur	obacco, snuff,	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.

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			
	age of students who		igars (cigars, cigaril	los, or little cigars,	on at least 1 day			
7.9	9.1	7.2	2.3	6.0	2.6	Decreased, 2011-2021	No quadratic change	No change
electronic vapor	ntage of students wh	at 1 day during the 3	30 days before the st	13.4	6.5	No linear change	Not available¶	No change
electronic vapor  QNFRCGR: Pe		at 1 day during the 3	30 days before the standard 10.5  Red cigars frequent	13.4	6.5	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.

obacco Use		Health Risk Beha	vior and Percenta	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §		
2011	2013	2015	2017	2019	2021			
		o currently smoked	cigarettes or cigars	s (on at least 1 day d	luring the 30 days			
QNTB2: Percent perfore the survey 11.6		o currently smoked	cigarettes or cigars	s (on at least 1 day d	during the 30 days	Decreased, 2011-2021	No quadratic change	No change
11.6  QNDAYCGR: F	11.4	9.0	2.5	,	0.6		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.

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	<u> </u>		
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
18.0	20.2	19.0	11.8	13.9	11.1	No linear change	No quadratic change	No chang
	ge of students who	currently drank alco	ohol (at least one dr	ink of alcohol, on a	t least 1 day			
30.4	38.7	28.1	29.6	22.1	14.9	Decreased, 2011-2021	No quadratic change	No chang
if they were fem		currently were bing drinks of alcohol in e 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.

		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			
		reported that the lar		nks they had in a ro	w was 10 or more			
				0.0	0.0	Not available	Not available <sup>¶</sup>	Not available
			:					
QN45: Percenta	age of students who	ever used marijuana	(one or more time	s during their life)				
QN45: Percenta 30.1	age of students who 34.7	ever used marijuana 28.5	(one or more time	s during their life) 31.9	12.6	Decreased, 2011-2021	No quadratic change	Decreased
30.1	34.7	-	30.2	31.9	12.6	Decreased, 2011-2021	No quadratic change	Decreased
30.1	34.7	28.5	30.2	31.9	12.6	Decreased, 2011-2021  No linear change	No quadratic change  No quadratic change	Decreased  No change
30.1 QN46: Percenta 4.5	34.7 age of students who 8.4	28.5 tried marijuana for t	30.2 The first time before 2.2	31.9 e age 13 years 10.1	2.9	, 		

<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			
QN48: Percent	age of students who	ever used synthetic	marijuana (one or n	nore times during the	neir life)			
		8.8	4.4	6.8	7.6	No linear change	Not available¶	No chang
)N49: Percent	age of students who	ever took prescriptionem to use it (counting	ng drugs such as co	ithout a doctor's prodeine, Vicodin, Ox	escription or yContin,			
lifferently than	and Percocet, one or	more times during the	1110)					
lifferently than		more times during the	11.1	8.9	10.1	No linear change	Not available	No chang
lifferently than Hydrocodone, a	and Percocet, one or	ever used cocaine (a	11.1			No linear change	Not available	No chang

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

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

iconoi and Othe	r Drug Use	Health Risk Behav	ior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		ever used inhalants (s to get high, one or i			aerosol spray			
11.3	13.4	6.9	7.7	2.0	10.8	No linear change	No quadratic change	Increased
		ever used heroin (als	so called "smack," 2.7	"junk," or "China V	White," one or	No linear change	No quadratic change	No change
6.0 QN53: Percenta	ng their life) 4.7	5.1 ever used methamph	2.7	1.6	4.9	No linear change	No quadratic change	No change
6.0  QN53: Percenta	ge of students who	5.1 ever used methamph	2.7	1.6	4.9	No linear change  No linear change	No quadratic change  No quadratic change	No change
QN53: Percenta 'ice," or "meth," 5.3	ge of students who one or more times  6.8  ge of students who	5.1 ever used methamph during their life)	2.7 netamines (also cal 3.5	1.6 led "speed," "crysta 1.6	4.9 1 meth," "crank," 4.9			

<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.

White*	
Alcohol and	Other Drug Use

2015	2017				Quadratic Change <sup>†</sup>	
	2017	2019	2021			
	illegal drug (used a r	needle to inject any i	illegal drug into			
,	2.2	1.6	2.0	No linear change	No quadratic change	No change
<u>י</u>	es during their life) 2.9	es during their life)  2.9  2.2  Ats who were offered, sold, or given an illegal	es during their life)  2.9  2.2  1.6  ats who were offered, sold, or given an illegal drug on school prop	2.9 2.2 1.6 2.0 ats who were offered, sold, or given an illegal drug on school property (during the	st during their life)  2.9  2.2  1.6  2.0  No linear change  ats who were offered, sold, or given an illegal drug on school property (during the	ss during their life)  2.9  2.2  1.6  2.0  No linear change  No quadratic change  ats who 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.

## **Los Angeles 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			
QN57: Percenta	ige of students who	ever had sexual inte	ercourse	:	·			
29.3	22.2	20.9	21.9	24.7	14.2	Decreased, 2011-2021	No quadratic change	No change
QN58: Percenta	age of students who	had sexual intercou	rse for the first time	e before age 13 year	rs			
4.4	3.5	5.4	1.4	0.0	0.6	Not available	Not available¶	Not available
QN59: Percenta	ige of students who	had sexual intercou	rse with four or mo	ore persons during th	neir life			
8.2	11.9	7.6	5.7	3.0	2.3	Decreased, 2011-2021	No quadratic change	No change
		were currently sexu	ally active (had sex	kual intercourse with	h at least one			
	ne 3 months before	me survey)						

<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* xual Behaviors		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	<u> </u>		
N82: Percentage		were ever tested for	human immunodef	ficiency virus (HIV)	) (not counting			

<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			
QN66: Percentag	ge of students who	described themselve	es as slightly or ver	y overweight	:			
30.4	31.5	27.1	26.8	28.2	19.7	No linear change	No quadratic change	No change
		ho were overweight c reference data fro			ile for body mass			,
					ile for body mass	No linear change	No quadratic change	No chang
index, based on so	ex- and age-specifing 16.8 centage of students	c reference data fro	m the 2000 CDC gr 14.8 = 95th percentile for	rowth charts)¶ 14.4	15.3	No linear change  Increased, 2011-2021	No quadratic 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.

<sup>\*\*</sup>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			
QN69: Percenta	ge of students who	did not eat fruit (one	e or more times dur	ing the 7 days befo	re the survey)			
4.0	2.6	10.8	11.2	3.7	8.6	No linear change	No quadratic change	No change
		did not drink a can, t pop, one or more ti 36.4				Increased, 2011-2021	No quadratic change	No chang
	centage of students	who drank a can, be						
	epsi, or Sprite, not	counting diet soda o	r aiet pop, auring ti	ie / 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.

		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 drank a can, be						
	1 / 1 /	_	1 17 &	J	3,			
15.2	4.6	7.8	4.2	6.2	2.0	Decreased, 2011-2021	No quadratic change	No change
		7.8 did not eat breakfas				Decreased, 2011-2021	No quadratic change	No change
						Decreased, 2011-2021  No linear change	No quadratic change  Not available	No chang
QN76: Percenta	age of students who	did not eat breakfas	t (during the 7 days	before the survey) 20.3	18.3			

<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						
41.7	48.2	54.4	44.9	24.4	48.2	No linear change	No quadratic change	Increased
east 1 day (in ar		nts who did not parti activity 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 arche time during to 14.3  QNPA7DAY: P	ny kind of physical and the 7 days before the 10.2  Percentage of student sical activity that income	activity that increase e survey)	17.1  Ally active at least 6	15.6  0 minutes per day of	he hard some of  11.6  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	lucation (PE) classe	es on 1 or more day	s (in an average			
68.7	65.0	67.4	46.7	38.9	61.3	No linear change	No quadratic change	No change
	rcentage of students were in school)	who attended phys	cal education (PE)	classes on all 5 day	rs (in an average			
43.3	51.0	45.9	31.0	21.2	30.6	No linear change	No quadratic change	No change
				1 ' 1 ' 11	active (one or			,
	age of students who	had a concussion fre fore the survey)	om playing a sport	or being physically	active (one of			

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

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

## **Los Angeles High School Survey** 10-year Trend Analysis Report

ther		Health Risk Beha	vior and Percenta	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §		
2011	2013	2015	2017	2019	2021	<del></del>		
	age of students who nonths before the sur		check-up, exam, te	eth cleaning, or oth	er dental work,	No linear change	Not available¶	No chang
during the 12 m		vey) 76.9	82.1	76.3	79.1	No linear change	Not available¶	No cha

19.8

36.7

No linear change

Not available

QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)

31.3

22.3

Increased

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

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

Vhite* 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			
QN88: Percenta	ge of students who	are transgender						
			1.0	0.0	2.7	Not available	Not available <sup>¶</sup>	Not available
QN89: Percenta masculine	ge of students who	think other people a	at school would des	cribe them as equal	ly feminine and			
	9.4	9.2	5.2	9.4	18.5	No linear change	Not available	No change
		have been the victir nonths before the sur		e calling because of	f their race or			
			17.0	29.3	20.2	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.

hite* te-Added								
		Health Risk Behav	vior and Percentas	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		have been the victin (during the 12 month			omeone thought			
12.6	8.6	14.6	6.3	10.1	19.9	No linear change	No quadratic change	Increased
QN92: Percenta	ge of students who	did something to pu	rposely hurt themse	elves without wanti	ng to die (such as		No quadratic change  Not available	Increased No chang
QN92: Percentage tutting or burning	ge of students who g themselves on pu	did something to pu	irposely hurt themse times during the 12 magnetic than 19.0	elves without wanti months before the s 15.9	ng to die (such as urvey) 19.3			

<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.

## **Los Angeles High School Survey** 10-year Trend Analysis Report

White\*

te-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			
QN94: Percentag		ever took steroid pil	lls or shots without	a doctor's prescript	ion (one or more			
			2.2	1.8	6.8	No linear change	No quadratic change	No change
4.1	6.2	4.1	3.2	1.8	0.8	Two finear change	140 quadratic change	140 change
QN95: Percentag		have taken over-the		,	,	Decreased, 2011-2021	No quadratic change	
QN95: Percentaş their life) 8.0	ge of students who	have taken over-the	e-counter drugs to g	et high (one or mor 3.4	re times during			No change
QN95: Percentaş their life) 8.0	ge of students who	have taken over-the	e-counter drugs to g	et high (one or mor 3.4	re times during			No chang
QN95: Percentaş their life) 8.0 QN96: Percentaş	ge of students who	have taken over-the 6.1 are sexually attracte 4.8	4.0 dto females and m	et high (one or mor 3.4	re times during 5.6	Decreased, 2011-2021	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.

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

## **Los Angeles 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			
QN98: Percenta	ge of students who	had anal sex	;	:	<del>:</del>			
12.0	10.1	7.5	7.8	9.3	4.3	Decreased, 2011-2021	No quadratic change	No change
QN101: Percent	age of students who	have been taught a	about AIDS or HIV	infection in school				
84.3	86.6	72.6	81.6	73.3	58.7	Decreased, 2011-2021	No quadratic change	No change
QN102: Percent	age of students who	have had sex educ	ation in school					
			68.5	75.2	78.4	No linear change	Not available¶	No change
		o went to the school						<del> </del>
(during the 12 m	onths before the su	rvey, among studen	ts whose school has	a school-based hea	lth center)			
				21.3	18.6	No linear change	Not available	No change

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

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

## Los Angeles High School Survey 10-year Trend Analysis Report

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			
QN104: Percen	tage of students who	have ever been tol	d by a doctor or a n	urse that they have	asthma			

66.3

61.3

QN108: Percentage of students who strongly agree or agree that they feel close to people at their school

QN107: Percentage of students who strongly agree or agree that they feel like they belong at their school

No change 75.9 68.2 No linear change Not available

Not available

No linear change

White\*

No change

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

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

Not enough years of data to calculate.

White* Site-Added		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN109: Percer months before t		no described their gra	ades in school as mo	ostly A's or B's (dur	ring the 12			
	- '		80.6	63.1	81.2	No linear change	Not available¶	No change

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

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

		Health Risk Beha	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		ode with a driver whos before the survey		ng alcohol (in a car	or other vehicle,			
	17.3	22.8	5.8	15.7	10.5	Decreased, 2011-2021	No quadratic change	No chang
31.8	17.3	22.0	5.0	13.7	10.3	Decreased, 2011-2021	140 quadratic change	No chang
N13: Percenta	age of students who	carried a gun (not c shooting, on at leas	ounting the days w	hen they carried a g	un only for	No linear change	Not available¶	No chang
QN13: Percental nunting or for a QN14: Percenta	age of students who sport such as target	carried a gun (not c	ounting the days with 1 day during the 1 5.5	hen they carried a g 2 months before the 4.2	un only for e survey) 4.2	No linear change		

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

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

ack* jury and Violen	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			
QN15: Percentag	ge of students who	were threatened or i			rty (such as a			
		es during the 12 mor	nths before the surv	rey)				
		es during the 12 mor	nths before the surv 8.0	5.8	6.1	No linear change	No quadratic change	No change
gun, knife, or clu	ub, one or more tim		8.0	5.8		No linear change	No quadratic change	No change
gun, knife, or clu 15.2 QN16: Percentag	ub, one or more tim	8.4	8.0	5.8		No linear change  Decreased, 2011-2021	No quadratic change  No quadratic change	No change
gun, knife, or clu 15.2 QN16: Percentag survey) 42.9	4.7  ge of students who  28.5	8.4 were in a physical f	8.0 ight (one or more ti	5.8 mes during the 12 mes during the 12 mes 21.8	months before the 23.4			

<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	_		
		experienced sexual sching, or being phy						
		uring the 12 months			sej that they the			
			9.4	7.4	8.9	No linear change	Not available <sup>¶</sup>	No chang

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

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

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	<del></del>		
someone they w	ere dating or going	experienced physica out with [counting s	uch things as being	g hit, slammed into	something, or			
		e during the 12 mon			4.4	Not available	Not available <sup>¶</sup>	Not available
who dated or wo	ent out with someon	e during the 12 mon	ths before the surv	ey) 0.0	4.4	Not available	Not available <sup>¶</sup>	Not available
	ent out with someon	e during the 12 mon	ths before the surv	ey) 0.0	4.4	Not available  No linear change	Not available <sup>¶</sup> No quadratic change	Not availabl
QN23: Percentasurvey) 17.4  QN24: Percenta	6.1  ge of students who  12.5  ge of students who	e during the 12 mon 10.7 were bullied on scho	14.2  ool property (ever of 8.7)  bullied (counting b	during the 12 month  8.7  being bullied throug	4.4 as before the 10.3			

<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.

llack* njury and Violen	ace	Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
								2019-2021 <sup>§</sup>
2011	2013	2015	2017	2019	2021			
		felt sad or hopeless ever during the 12			row so that they			
28.1	21.1	25.5	27.9	29.1	37.9	No linear change	No change, 2011-2017 No change, 2017-2021	No change
QN26: Percenta survey)	ge of students who	seriously considered	d attempting suicide	e (during the 12 mo	nths before the			
16.1	11.7	11.5	14.0	19.0	20.0	No linear change	No quadratic change	No change
QN27: Percenta before the survey		made a plan about h	now they would atte	empt suicide (during	g the 12 months			
16.5	13.9	15.4	9.7	17.7	16.7	No linear change	No quadratic change	No change
QN28: Percenta the survey)	ge of students who	actually attempted s	uicide (one or mor	e times during the 1	2 months before			
15.1	9.9	5.8	6.6	14.4	15.3	No linear change	No change, 2011-2015 Increased, 2015-2021	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.

jury and Violence		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			
		had a suicide attem te (during the 12 mo			or overdose that			
			2.9	7.4	4.5	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.

## **Los Angeles 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			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
31.2	25.2	24.7	7.2	10.2	5.5	Decreased, 2011-2021	No quadratic change	No change
	+	-		-				:
QN31: Percenta	ge of students who	first tried cigarette s	smoking before age	13 years (even one	or two puffs)			
QN31: Percenta	ge of students who	first tried cigarette s	smoking before age 5.5	13 years (even one	or two puffs) 3.1	No linear change	Not available¶	No change
		first tried cigarette s	5.5	1.7	3.1	No linear change	Not available¶	No change
QN32: Percenta			5.5	1.7	3.1	No linear change  No linear change	Not available No quadratic change	No change
QN32: Percenta survey) 8.6	ge of students who 4.2 centage of students	currently smoked ci	5.5 garettes (on at leas	1.7 t 1 day during the 3	3.1 0 days before the 0.7			

<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.

## **Los Angeles High School Survey** 10-year Trend Analysis Report

lack* obacco Use		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	_		
QNDAYCIG: Pe	•	nts who currently smo	oked cigarettes dail	ly (on all 30 days du	uring the 30 days			
5.4	1.4	0.0	1.2	0.0	0.0	Not available	Not available <sup>¶</sup>	Not available

6.0

12.1

No linear change

12.6

6.2

No change

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 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 and 30 days before the	s who currently used survey)	electronic vapor pr	roducts frequently (	on 20 or more			
		0.0	2.5	0.0	0.0	Not available	Not available¶	Not available
	Percentage of stude fore the survey)	nts who currently us	ed electronic vapor	products daily (on	all 30 days during			
		0.0	2.5	0.0	0.0	Not available	Not available	Not available
	entage of students when the st	no currently smoked survey)	cigarettes or used e	electronic vapor pro	ducts (on at least			

<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* Tobacco Use		Health Risk Reha	vior and Percenta	Jes Sei		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
		Treaten Alsa Bena	vior and recentar	500		Zincur Change	Quaurune Change	2019-2021 §
2011	2013	2015	2017	2019	2021	_		
dissolvable tob	acco products [such	o currently used smo as Copenhagen, Gri aring the 30 days bef	zzly, Skoal, or Cam					
			5.5	0.0	1.1	Not available	Not available¶	Not availabl
dip, snus, or dis	ssolvable tobacco pr	s who currently used roducts [such as Cop 00 or more days durin	enhagen, Grizzly, S	koal, or Camel Snu				,
			1.1	0.0	0.0	Not available	Not available	Not availab
	ssolvable tobacco pr	ents who currently us roducts [such as Cop Il 30 days during the	enhagen, Grizzly, S	koal, or Camel Snu				
any electronic								

<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 Beha	vior and Percentas	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
	age of students who	currently smoked c	igars (cigars, cigaril	los, or little cigars,	on at least 1 day	,		
13.6	6.8	8.1	2.4	5.0	4.1	No linear change	No quadratic change	No chang
		no currently smoked st 1 day during the 3			tobacco or			,
			7.0	9.0	11.7	No linear change	Not available¶	No chang
		s vibo oumontly one	ked cigars frequent	v (cigars cigarillos	or little cigars			
QNFRCGR: Pe on 20 or more d		ays before the surve		y (eigais, eigaimos	s, or nuc eights,			

<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.

2013	2015	2017	2019	2021			
e of students wh	o currently smoked	cigarettes or cigars	(on at least 1 day d	uring the 30 days			
5.4	5.2	2.6	5.3	4.3	No linear change	No quadratic change	No chang
	e of students wh	e of students who currently smoked 5.4 5.2	e of students who currently smoked cigarettes or cigars 5.4 5.2 2.6	e of students who currently smoked cigarettes or cigars (on at least 1 day d 5.4 5.2 2.6 5.3	e of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days  5.4  5.2  2.6  5.3  4.3	e of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days	e of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days  5.4 5.2 2.6 5.3 4.3 No linear change 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.

		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			
QN40: Percenta	age of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
21.3	13.0	21.2	12.6	14.8	7.9	No linear change	No quadratic change	No chang
	ge of students who ys before the survey	currently drank alco	phol (at least one dri	nk of alcohol, on a	t least 1 day			,
iuring the 30 da		16.1	6.5	19.5	8.5	Decreased, 2011-2021	Decreased, 2011-2015	Decrease
31.6	14.1	10.1					No change, 2015-2021	
31.6  QN42: Percenta f they were fem	age of students who	currently were bing					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.

 $<sup>^{\$}</sup>$ 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			
		reported that the large 30 days before the		ks they had in a rov	v was 10 or more			
				1.5	1.3	No linear change	Not available¶	No chang
N45: Percenta	age of students who	ever used marijuana	(one or more time	s during their life)				
N45: Percenta 52.7	age of students who	ever used marijuana	a (one or more time	s during their life) 41.2	33.7	No linear change	No quadratic change	No chang
52.7	35.7	· ·	36.8	41.2	33.7	No linear change	No quadratic change	No chang
52.7	35.7	43.4	36.8	41.2	33.7 6.4	No linear change	No quadratic change	No chang
52.7 QN46: Percenta 20.4	35.7 age of students who 8.7	43.4 tried marijuana for t	36.8 the first time before 10.4	41.2 age 13 years 9.7	6.4			

<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	_		
N48: Percent	age of students who	ever used synthetic	marijuana (one or r	nore times during the	heir life)			
		4.8	8.9	4.6	6.3	No linear change	Not available <sup>¶</sup>	No chang
ifferently than	how a doctor told t	o ever took prescription hem to use it (counting more times during the	ng drugs such as co	ithout a doctor's prodeine, Vicodin, Ox	escription or yContin,			,
lifferently than	how a doctor told t	hem to use it (counti	ng drugs such as co	ithout a doctor's prodeine, Vicodin, Ox	escription or yContin,	No linear change	Not available	Decrease
ifferently than Hydrocodone, a	how a doctor told t	hem to use it (counting the more times during the property of the property of the more times during the more t	ng drugs such as co neir life) 9.9	deine, Vicodin, Öx 26.4	yContin, 8.1	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 Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
		ever used inhalants s to get high, one or			aerosol spray			
8.9	8.5	7.8	5.2	5.0	3.9	No linear change	No quadratic change	No change
ON52: Percents	age of students who	ever used heroin (al	so called "smack "	"iunk " or "China V	Vhite " one or			
QN52: Percenta more times duri 7.5		ever used heroin (al	so called "smack," 4.2	"junk," or "China V	White," one or 2.0	No linear change	No quadratic change	No change
7.5  QN53: Percenta	ng their life) 3.4	2.8 ever used methampl	4.2	3.4	2.0	No linear change	No quadratic change	No change
7.5 QN53: Percenta	ng their life) 3.4 age of students who	2.8 ever used methampl	4.2	3.4	2.0	No linear change  Not available	No quadratic change  Not available	No change
QN53: Percenta "ice," or "meth,"	age of students who  ' one or more times  5.3  age of students who	2.8  ever used methampl during their life)	4.2 netamines (also call 4.1	3.4 led "speed," "crysta 3.5	2.0 1 meth," "crank," 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.

Black*			
Alcohol and	Other	Drug	Use

	Health Risk Bena	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2013	2015	2017	2019	2021			
		egal drug (used a n	eedle to inject any i	llegal drug into	,		
0.0	3.9	5.8	3.4	0.7	Not available	Not available¶	No change
	ge of students who	ge of students who ever injected any ill more times during their life)	ge of students who ever injected any illegal drug (used a nore times during their life)	ge of students who ever injected any illegal drug (used a needle to inject any is more times during their life)	ge of students who ever injected any illegal drug (used a needle to inject any illegal drug into more times during their life)	ge of students who ever injected any illegal drug (used a needle to inject any illegal drug into more times during their life)	ge of students who ever injected any illegal drug (used a needle to inject any illegal drug into more times during their life)

<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.

# **Los Angeles 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			
QN57: Percenta	ge of students who	ever had sexual inte	ercourse		:			
52.1	39.6	38.0	32.8	43.1	30.4	Decreased, 2011-2021	No quadratic change	Decreased
QN58: Percenta	ge of students who	had sexual intercou	rse for the first time	e before age 13 year	rs .			
10.5	6.9	8.6	7.6	11.5	5.9	No linear change	No quadratic change	No change
QN59: Percenta	ge of students who	had sexual intercou	rse with four or mo	re persons during th	neir life			
22.6	13.7	10.6	10.9	11.7	6.6	Decreased, 2011-2021	No quadratic change	No change
	ge of students who as 3 months before	were currently sexu the survey)	ally active (had sex	cual intercourse with	n at least one			·
				22.0	19.3	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 Behavior and Percentages					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
QN82: Percentage of tests done if they do		were ever tested for	human immunode	ficiency virus (HIV)	) (not counting			
27.6	17.0	14.2	12.2	25.8	7.7	No linear change	No quadratic change	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.

quadratic change	No chang
quadratic change	No chang
quadratic change	No chang
hange, 2011-2017 eased, 2017-2021	No chang
quadratic change	No chang
,	quadratic change  Not available

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

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

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

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

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

		Health Risk Behav	vior and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021			
QN69: Percenta	age of students who	did not eat fruit (one	e or more times dur	ing the 7 days befo	re the survey)			
28.2	23.0	16.6	15.8	8.3	18.0	Decreased, 2011-2021	No quadratic change	Increased
		did not drink a can, t pop, one or more ti						
		33.1	32.1	36.8	43.8	Increased, 2011-2021	No quadratic change	No change
26.1	21.1	33.1	32.1				1 0	2
NSODA1: Pe	rcentage of students	s who drank a can, be	ottle, or glass of so	da or pop one or mo				

<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 Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §
2011	2013	2015	2017	2019	2021	_		
		who drank a can, be						
20.0	11.3	5.3	10.2	2.8	10.9	No linear change	No quadratic change	Increase
QN76: Percenta	age of students who	did not eat breakfast	(during the 7 days	before the survey)				
QN76: Percenta	age of students who	did not eat breakfast	(during the 7 days	before the survey) 9.6	19.4	No linear change	Not available¶	Increase
	13.5		12.8	9.6	19.4	No linear change	Not available <sup>¶</sup>	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.

ack* ysical Activity		Haalth Dials Dahaa	wien and Dancentee			Lincon Change	Overdustic Change	Change from
		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			
	activity that increas	were physically acti sed their heart rate a						
41.9	48.3	48.1	47.6	37.7	42.9	No linear change	No quadratic change	No chang
QNPA0DAY: P		its who did not partic						
east 1 day (in ar he time during t 29.1	the 7 days before the		20.7	24.5	14.6	No linear change	No quadratic change	No chang
he time during t 29.1 QNPA7DAY: F	he 7 days before the 13.0 Percentage of studentical activity that inc	e survey)	20.7	24.5 0 minutes per day of	14.6 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			
QN79: Percenta week when they	ge of students who a were in school)	ttended physical ed	ducation (PE) class	es on 1 or more day	rs (in an average			
45.3	62.8	65.1	57.7	50.2	53.7	No linear change	Increased, 2011-2015 No change, 2015-2021	No change
QNDLYPE: Per week when they	rcentage of students were in school)	who attended phys	ical education (PE)	classes on all 5 day	s (in an average			
29.1	31.7	24.4	45.1	25.0	37.3	No linear change	No quadratic change	No change
	ge of students who h		om playing a sport	or being physically	active (one or			
			13.5	11.0	15.9	No linear change	Not available <sup>¶</sup>	No change

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

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

		Health Risk Beha	vior and Percenta	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2019-2021 §		
2011	2013	2015	2017	2019	2021			
	tage of students who	saw a dentist (for a vey)	check-up, exam, tec	eth cleaning, or oth	er dental work,			
		71.5	58.8	56.2	73.4	No linear change	Not available <sup>¶</sup>	Increased
	Percentage of studen	71.5				No linear change	Not available <sup>¶</sup>	Increased
QNNODNT: P dental work)	Percentage of studen					No linear change	Not available¶	
dental work)		ts who never saw a d	entist (for a check-4.1	up, exam, teeth clea	aning, or other			Increased 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* Site-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			
QN88: Percenta	age of students who	are transgender	0.0	0.0	1.3	Not available	Not available <sup>¶</sup>	Not available
QN89: Percenta masculine	age of students who	think other people a	t school would des	cribe them as equal 8.3	ly feminine and	No linear change	Not available	No change
		have been the victin nonths before the sur		e calling because of 24.7	f their race or 18.0	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.

ack* te-Added		W. W. DU. F.				V. G	0 L 4 C *	CI 6
		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			
		have been the victin (during the 12 month			omeone thought			
10.0	13.0	11.3	2.2	11.4	17.8	No linear change	No quadratic change	No chang
QN92: Percenta	age of students who	did something to purpose one or more to	rposely hurt themse	elves without wanti	ng to die (such as		No quadratic change  Not available	No chang
QN92: Percenta cutting or burnin	ge of students who g themselves on pu	did something to pu	rposely hurt themse imes during the 12 magnetic transfer in the 12 magnetic transfer i	elves without wanti months before the s	ng to die (such as urvey) 19.6			

<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.

# **Los Angeles 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			
QN94: Percentage times during their		ever took steroid pi	lls or shots without	a doctor's prescript	ion (one or more	,		
<b>F</b> 0	3.3	2.2	2.9	3.4	0.7	No linear change	No quadratic change	No change
5.8							1	
		have taken over-the				No linear change	No quadratic change	
QN95: Percenta heir life) 12.0	ge of students who	have taken over-the	-counter drugs to g	et high (one or more	e times during			No chang
QN95: Percenta heir life) 12.0	ge of students who	have taken over-the	-counter drugs to g	et high (one or more	e times during			
QN95: Percenta heir life) 12.0 QN96: Percenta	ge of students who	have taken over-the 7.6  are sexually attracte 9.6	-counter drugs to g 6.2 d to females and m	et high (one or mor 3.8	e times during 2.5	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.

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			
QN98: Percenta	ge of students who	had anal sex	:	:	<del>.</del>	,		
14.8	8.2	10.3	5.3	9.9	4.7	No linear change	No quadratic change	No change
QN101: Percent	age of students who	o have been taught a	about AIDS or HIV	infection in school				
81.2	73.4	77.4	78.2	88.1	65.6	No linear change	No quadratic change	Decreased
QN102: Percent	age of students who	o have had sex educ	ation in school					
			67.1	78.8	64.8	No linear change	Not available <sup>¶</sup>	No change
ON103: Percent	age of students who	o went to the school	-based health cente	r at their school one	e or more times			<del> </del>
		rvey, among studen						
				35.3	23.5	No linear change	Not available	No change

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

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

Black*	
Site-Added	ł

		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			
QN104: Percent	age of students wh	o have ever been tol	d by a doctor or a n	urse that they have	asthma			
20.5	24.1	34.7	32.6	18.4	30.4	No linear change	No quadratic change	No change
	age of students wh y have a problem	no reported there is a	t least one teacher o	70.5	ir school that they	No linear change	Not available¶	No change
can talk to if the	y have a problem	no reported there is a	68.9	70.5	64.8		Not available¶	No change
can talk to if the	y have a problem		68.9	70.5	64.8		Not available¶  Not available	No change
QN107: Percent	y have a problem		68.9  agree that they feel	70.5 like they belong at 57.2	their school	No linear change		

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

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

Black* Site-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			
QN109: Percer months before t		no described their gra	ades in school as me	ostly A's or B's (dur	ring the 12			
			64.4	66.5	71.0	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.

# Los Angeles High School Survey 10-year Trend Analysis Report

	j	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
					-			
		ode with a driver whose before the survey	ho had been drinkin )	g alcohol (in a car	or other vehicle,			
				g alcohol (in a car d	or other vehicle,	Decreased, 2011-2021	No quadratic change	No chang

16.3

11.5

No linear change

17.2

15.3

No 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.

panic ury and Violen		Health Risk Behav	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from <b>2019-2021</b>
2011	2013	2015	2017	2019	2021			
		carried a gun (not co						
			3.0	4.6	2.3	No linear change	Not available <sup>§</sup>	Decreased
		did not go to school g the 30 days before		nsafe at school or o	on their way to or			
		did not go to school g the 30 days before 6.0		nsafe at school or o	on their way to or 14.1	Increased, 2011-2021	No change, 2011-2015 Increased, 2015-2021	No change
7.3  QN15: Percenta	6.8 age of students who	g the 30 days before	7.0 njured with a weap	13.1	14.1	Increased, 2011-2021		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.

# Los Angeles High School Survey 10-year Trend Analysis Report

Hispanic Injury and Violence

jury and Violend		Health Risk Behav	ior and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021	<u> </u>		
QN16: Percenta survey)	ge of students who	were in a physical f	ight (one or more t	imes during the 12	months before the	,		
27.8	22.3	14.5	14.8	20.2	11.5	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	Decreased
QN19: Percenta want to)	ge of students who	were ever physicall	y forced to have se	xual intercourse (w	hen they did not			
7.9	8.7	5.9	7.8	7.4	8.2	No linear change	No quadratic change	No change
[counting such th	nings as kissing, tou	experienced sexual aching, or being phy uring the 12 months	sically forced to ha	ve sexual intercour				
			8.2	9.8	9.0	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.

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

spanic ury and Violen		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	_		2019-2021
dating or going forced to have s	out with to do sexua exual intercourse] the	experienced sexual al things [counting so that they did not wan ted 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			
	12.2	8.1	5.0	5.6	7.1	Decreased, 2013-2021	Not available <sup>§</sup>	No change
someone they w		experienced physica out with [counting s	uch things as being	hit, slammed into	something, or	1		
		the during the 12 mon			among students 5.6	No linear change	Not available	No chang
who dated or we	ent out with someon	e during the 12 mon	ths before the surve	5.7	5.6	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.

# Los Angeles High School Survey 10-year Trend Analysis Report

Hispanic **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) 11.9 8.0 7.8 8.7 11.3 10.2 No linear change Decreased, 2011-2015 No change No change, 2015-2021 QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) 42.5 28.9 29.8 30.4 31.0 33.8 Increased, 2011-2021 No change, 2011-2017 Increased Increased, 2017-2021 QN26: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey) 13.9 13.5 14.0 12.2 12.3 17.6 No change, 2011-2017 No linear change Increased 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.

# **Los Angeles 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	_		
QN27: Percenta		made a plan about l	now they would atte	empt suicide (durin	g the 12 months	,		
13.5	10.6	12.2	10.8	10.2	14.7	No linear change	No change, 2011-2017 Increased, 2017-2021	Increased
QN28: Percenta the survey)	ge of students who	actually attempted s	suicide (one or more	e times during the	12 months before			1
10.2	8.4	8.2	7.7	9.6	9.3	No linear change	No quadratic change	No change
		had a suicide attempte (during the 12 mo			, or overdose that			
3.9	3.5	2.1	2.1	3.7	3.4	No linear change	Decreased, 2011-2015 Increased, 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.

# Los Angeles 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			
N30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)	:	,		
41.9	35.6	24.8	18.1	15.2	11.9	Decreased, 2011-2021	No quadratic change	No change
N31: Percenta	ge of students who	first tried cigarette s	smoking before age	13 years (even one	or two puffs) 4.8	No linear change	Not available <sup>§</sup>	No change
QN32: Percenta		first tried cigarette s	5.6	6.2	4.8	No linear change	Not available <sup>§</sup>	No change
			5.6	6.2	4.8	No linear change  Decreased, 2011-2021	Not available <sup>§</sup> No quadratic change	No change
QN32: Percenta urvey) 9.5	ge of students who 7.0 centage of students	currently smoked ci	5.6 garettes (on at least	6.2 t 1 day during the 3	4.8 0 days before the 1.7	<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.

# Los Angeles High School Survey 10-year Trend Analysis Report

2015 udents who currently sm	2017	2019	2021			
udents who currently sm	oked cigarettes dai	lv (on all 30 davs d	-			
		<b>y</b> (* : <b>y</b>	uring the 30 days			
0.7	0.5	0.2	0.0	Not available	Not available§	Not available
				Decreased, 2015-2021	Not available	Decreased
	ah pens, and mods [such 44.7 who currently used an el	ah pens, and mods [such as JUUL, SMOK,  44.7 36.9  who currently used an electronic vapor production of the such as JUUL, SMOK,	ah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and 44.7 36.9 39.3 who currently used an electronic vapor product (including e-cip	who ever used an electronic vapor product (including e-cigarettes, vapes, vape ah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])  44.7 36.9 39.3 27.4  who currently used an electronic vapor product (including e-cigarettes, vapes, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at	ah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])  44.7 36.9 39.3 27.4 Decreased, 2015-2021  who currently used an electronic vapor product (including e-cigarettes, vapes,	ah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])  44.7 36.9 39.3 27.4 Decreased, 2015-2021 Not available  who currently used an electronic vapor product (including e-cigarettes, vapes,

<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.

# Los Angeles High School Survey 10-year Trend Analysis Report

Hisnanic

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
	ercentage of students		electronic vapor pr	roducts frequently (	on 20 or more			
		1.1	0.7	1.9	1.3	No linear change	Not available§	No change
	Percentage of stude fore the survey)	nts who currently use	ed electronic vapor	products daily (on	all 30 days during	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.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021	_		
dissolvable tob	acco products [such	o currently used smo as Copenhagen, Gri uring the 30 days bef	zzly, Skoal, or Cam					
			1.7	3.4	2.3	No linear change	Not available§	No change
dip, snus, or dis	ssolvable tobacco pr	s who currently used oducts [such as Cop 0 or more days durin	enhagen, Grizzly, S ng the 30 days befor	koal, or Camel Snure the survey)	s], not counting			
			0.6	0.5	0.1	No linear change	Not available	No change
dip, snus, or dis	ssolvable tobacco pr	nts who currently us oducts [such as Cop ll 30 days during the	enhagen, Grizzly, S	koal, or Camel Snu				

<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.

# Los Angeles High School Survey 10-year Trend Analysis Report

2015 currently smoked control of the	2017 igars (cigars, cigari	2019  Illos, or little cigars,	·	<del></del>		
<i>'</i> )		_	·			
3.7	2.6	3.5	4.0			
		3.3	1.3	Decreased, 2011-2021	No quadratic change	Decreased
			tobacco or 7.7	No linear change	Not available <sup>§</sup>	Decreased
s	st 1 day during the 3	st 1 day during the 30 days before the s 5.3 s who currently smoked cigars frequent ays before the survey)	st 1 day during the 30 days before the survey)  5.3 12.3  s who currently smoked cigars frequently (cigars, cigarillotatys before the survey)	5.3 12.3 7.7  s who currently smoked cigars frequently (cigars, cigarillos, or little cigars, ays before the survey)	st 1 day during the 30 days before the survey)  5.3 12.3 7.7 No linear change  s who currently smoked cigars frequently (cigars, cigarillos, or little cigars, ays before the survey)	st 1 day during the 30 days before the survey)  5.3 12.3 7.7 No linear change Not available§  s who currently smoked cigars frequently (cigars, cigarillos, or little cigars, ays 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.

# **Los Angeles 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 †
2011	2013	2015	2017	2019	2021			
ONTRA: Paragra				/	1 20 1	<del>'</del>		
		o currently smoked	cigarettes or cigars	(on at least 1 day o	luring the 30 days			
before the survey		5.0	2.9	3.1	2.0	Decreased, 2011-2021	No quadratic change	No change
before the survey 10.2  QNDAYCGR: I	8.2	5.0	2.9	3.1	2.0	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.

# Los Angeles High School Survey 10-year Trend Analysis Report

Hisnanic

	Health Risk Benavi	or and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2013	2015	2017	2019	2021			
of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
18.9	14.7	17.1	16.4	14.8	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change
		hol (at least one dr	ink of alcohol, on a	t least 1 day			
29.4	22.4	24.0	21.7	15.0	Decreased, 2011-2021	No quadratic change	Decreased
•	of students who  18.9  of students who efore the survey	of students who had their first drink of students who currently drank alcoefore the survey)	of students who had their first drink of alcohol before a  18.9 14.7 17.1  of students who currently drank alcohol (at least one drefore the survey)	of students who had their first drink of alcohol before age 13 years (other to 18.9 14.7 17.1 16.4 of students who currently drank alcohol (at least one drink of alcohol, on a defore the survey)	of students who had their first drink of alcohol before age 13 years (other than a few sips)  18.9 14.7 17.1 16.4 14.8  of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day efore the survey)	of students who had their first drink of alcohol before age 13 years (other than a few sips)  18.9 14.7 17.1 16.4 14.8 Decreased, 2011-2021  of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day efore the survey)	of students who had their first drink of alcohol before age 13 years (other than a few sips)  18.9 14.7 17.1 16.4 14.8 Decreased, 2011-2021 Decreased, 2011-2015 No change, 2015-2021 of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day efore 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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Hispanic **Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN43: Percentage of students who reported that the largest number of drinks they had in a row was 10 or more (within a couple of hours, during the 30 days before the survey) 1.7 0.8 No linear change Not available§ No change QN45: Percentage of students who ever used marijuana (one or more times during their life) 42.2 20.3 Decreased, 2011-2017 43.8 35.6 38.4 39.2 Decreased, 2011-2021 Decreased Decreased, 2017-2021 QN46: Percentage of students who tried marijuana for the first time before age 13 years 12.3 9.9 7.7 7.7 8.3 5.8 Decreased, 2011-2021 No quadratic change Decreased QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) 22.9 21.0 20.0 21.8 9.3 No quadratic change 15.8 Decreased, 2011-2021 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.

Solution Shared on t-test analysis, p < 0.05.

Shot 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	<del></del>		
QN48: Percenta	age of students who	ever used synthetic	marijuana (one or 1	nore times during t	heir life)			
		- 0		0.0	5.0	No lineau abanca	Not available§	D
		6.3	6.6	9.0	5.2	No linear change	Not available	Decreased
ifferently than	how a doctor told t	e ever took prescription to use it (counting more times during the	on pain medicine w	ithout a doctor's pr	escription or	No linear change	Not available	Decrease
lifferently than	how a doctor told t	ever took prescription	on pain medicine w	ithout a doctor's pr	escription or	No linear change	Not available	
lifferently than Hydrocodone, a QN50: Percenta	how a doctor told t nd Percocet, one or	o ever took prescription to use it (counting them to use it during the more times during the o ever used cocaine (a	on pain medicine was drugs such as coneir life)	ithout a doctor's pr deine, Vicodin, Ox 15.7	escription or yContin, 12.3			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.

## Los Angeles High School Survey 10-year Trend Analysis Report

Hispanic **Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN51: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high, one or more times during their life) 7.6 5.4 6.5 16.6 11.1 7.5 Decreased, 2011-2021 Decreased, 2011-2017 No change No change, 2017-2021 QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life) 3.5 1.3 1.4 1.8 2.9 4.6 No linear change No quadratic change Decreased ON53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life) 5.4 2.9 2.2 7.1 3.6 1.7 Decreased, 2011-2021 No quadratic change No change

5.0

3.3

Decreased, 2011-2021

Decreased, 2011-2015

No change, 2015-2021

QN54: Percentage of students who ever used ecstasy (also called "MDMA" or "Molly," one or more times

3.7

4.1

during their life)
17.9

11.7

No change

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

# Los Angeles High School Survey 10-year Trend Analysis Report

Hispanic **Alcohol and Other Drug Use Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2019-2021 † 2011 2013 2015 2017 2019 2021 QN55: Percentage of students who ever injected any illegal drug (used a needle to inject any illegal drug into their body, one or more times during their life) 2.9 2.2 1.3 2.7 3.1 2.0

QN56: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)

Decreased, 2011-2015 41.4 29.2 27.3 29.5 30.2 21.4 Decreased, 2011-2021 Decreased Decreased, 2015-2021

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.

# Los Angeles High School Survey 10-year Trend Analysis Report

xual Behaviors		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021			
QN57: Percenta	ige of students who	ever had sexual inte	rcourse	:	;			
39.7	34.6	27.8	31.8	30.2	20.8	Decreased, 2011-2021	No quadratic change	Decreased
QN58: Percenta	age of students who	had sexual intercour	rse for the first time	before age 13 year	rs .			•
5.3	3.6	3.2	4.1	3.6	2.6	Decreased, 2011-2021	No quadratic change	No change
QN59: Percenta	age of students who	had sexual intercour	rse with four or mo	re persons during th	neir life			· · · · · · · · · · · · · · · · · · ·
7.6	6.8	5.0	7.3	5.9	3.2	Decreased, 2011-2021	No quadratic change	Decreased
	age of students who	were currently sexuates	ally active (had sex	ual intercourse with	n at least one			<del>-</del>
poison, during t				17.5	12.4	Decreased, 2019-2021	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.

					Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
2013	2015	2017	2019	2021	<del></del>		
of students who of sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students	,		
			13.5	15.7	No linear change	Not available§	No change
of students who active)	used a condom duri	ng last sexual interd	course (among stud	ents who were 59.5	No linear change	Not available	No change
of students who onated blood)	were ever tested for	human immunodet	iciency virus (HIV	(not counting			
		10.5	11.3	7.0	Decreased, 2011-2021	No quadratic change	Decreased
: a	of students who expected active)  of students who exactive)  of students who exactive)	of students who drank alcohol or use v sexually active)  of students who used a condom during active)  of students who were ever tested for	of students who drank alcohol or used drugs before last v sexually active)  of students who used a condom during last sexual intercactive)  of students who were ever tested for human immunodef	of students who drank alcohol or used drugs before last sexual intercourse v sexually active)  13.5  of students who used a condom during last sexual intercourse (among studentive)  50.9  of students who were ever tested for human immunodeficiency virus (HIV	of students who drank alcohol or used drugs before last sexual intercourse (among students v sexually active)  13.5  of students who used a condom during last sexual intercourse (among students who were active)  50.9  59.5  of students who were ever tested for human immunodeficiency virus (HIV) (not counting	of students who drank alcohol or used drugs before last sexual intercourse (among students v sexually active)  13.5  15.7  No linear change  of students who used a condom during last sexual intercourse (among students who were active)  50.9  59.5  No linear change	of students who drank alcohol or used drugs before last sexual intercourse (among students v sexually active)  13.5  15.7  No linear change  Not available students who used a condom during last sexual intercourse (among students who were active)  50.9  59.5  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.

	1	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
N66: Percentag	ge of students who	described themselve	es as slightly or ver	y overweight		·		
		38.0  ho were overweight c reference data from			41.7  iile for body mass	Increased, 2011-2021	No quadratic change	No chang
QNOWT: Percei	ntage of students w	ho were overweight	(>= 85th percentile	e but <95th percent		Increased, 2011-2021  Increased, 2011-2021	No quadratic change  No quadratic change	No chang  No chang
QNOWT: Perceindex, based on s  16.4  QNOBESE: Perceindex	ntage of students w sex- and age-specifi 19.6 centage of students	ho were overweight c reference data fro	(>= 85th percentilem the 2000 CDC graduate 20.4	e but <95th percent rowth charts)§ 20.0	ile for body mass	·		

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

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

Not enough years of data to calculate.

## Los Angeles 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 QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 8.4 8.7 7.3 7.5 11.4 12.5 Increased, 2011-2021 No change, 2011-2017 No change Increased, 2017-2021 QN74: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, one or more times during the 7 days before the survey) 22.3 20.7 24.0 26.4 31.6 24.9 No quadratic change Increased, 2011-2021 Decreased QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) 21.2 18.2 12.2 12.5 11.2 12.6 Decreased, 2011-2015 No change Decreased, 2011-2021 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.

## Los Angeles 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 QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) 6.5 7.4 6.9 7.4 12.3 10.7 Decreased, 2011-2021 Decreased, 2011-2015 No change No change, 2015-2021 QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey) Not available§ 14.6 11.5 11.6 16.2 23.1 Increased, 2013-2021 Increased QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey) 35.6 39.2 Decreased, 2013-2021 Not available 35.8 29.0 21.6 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.

# Los Angeles High School Survey 10-year Trend Analysis Report

Hispanic **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) 37.9 43.2 45.7 48.7 38.3 33.4 No linear change Increased, 2011-2017 No change Decreased, 2017-2021 QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at

19.4

No linear change

Decreased, 2011-2015

Increased, 2015-2021

17.9

least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of

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

14.0

13.8

the time during the 7 days before the survey)

17.3

15.4

No change

the 7 days before the survey)

20.4 23.1 22.2 24.9 20.3 16.7 No linear change Increased, 2011-2017 No change Decreased, 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.

# Los Angeles 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	vs (in an average			
64.7	60.3	60.7	65.4	63.9	59.0	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			
32.8	32.4	37.5	44.7	28.2	26.1	No linear change	No quadratic change	No change
	age of students who lang the 12 months be		om playing a sport	or being physically	active (one or			

<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.

# Los Angeles High School Survey 10-year Trend Analysis Report

Uicnonio

lispanic Ither		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021			
	tage of students who		check-up, exam, te	eth cleaning, or oth	er dental work,			
		69.3	71.7	67.6	68.6	No linear change	Not available§	No change
QNNODNT: P dental work)	Percentage of student	ts who never saw a d	entist (for a check-	up, exam, teeth clea	aning, or other	,		,
		1.8	1.8	2.3	1.3	No linear change	Not available	No change
QN86: Percent	tage of students who	got 8 or more hours	of sleep (on an ave	erage school night)				
		32.1	33.5	27.9	27.8	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.

# Los Angeles High School Survey 10-year Trend Analysis Report

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	ge of students who	are transgender		:	;			
			1.0	1.0	1.6	No linear change	Not available§	No change
QN89: Percenta	ge of students who	think other people a	t school would des	cribe them as equal	ly feminine and			
	9.6	13.7	16.9	22.8	18.9	Increased, 2013-2021	Not available	Decreased
		have been the victin		e calling because o	f their race or			
			11.8	11.2	12.8	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.

		Health Risk Behav	ior and Percentago	es		Linear Change*	Quadratic Change*	Change from 2019-2021
2011	2013	2015	2017	2019	2021			
		have been the victin during the 12 month			omeone thought			
8.3	9.5	8.5	6.0	8.5	10.6	No linear change	No quadratic change	No change
		did something to pu rpose one or more ti	mes during the 12 i	months before the s			Not available <sup>§</sup>	
N93: Percenta	age of students who	ever drank alcohol (	15.1  at least one drink o	16.3  f alcohol, on at leas		Increased, 2017-2021	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.

# Los Angeles 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	<u> </u>		
QN94: Percenta		ever took steroid pi	lls or shots without	a doctor's prescript	ion (one or more			
				2.0	2.2	No lineau abance	No and dusting themes	No change
3.4	3.2	2.0	2.8	3.8	2.2	No linear change	No quadratic change	No change
		2.0 have taken over-the 5.5				Decreased, 2011-2021	No quadratic change	Decreased
QN95: Percenta heir life) 9.6	ge of students who	have taken over-the	e-counter drugs to g	et high (one or more	e times during			
QN95: Percenta heir life) 9.6	ge of students who	have taken over-the	e-counter drugs to g	et high (one or more	e times during			
QN95: Percenta heir life) 9.6 QN96: Percenta	ge of students who	have taken over-the 5.5 are sexually attracte 5.2	e-counter drugs to g 6.6 ed to females and m	et high (one or mor 6.6	e times during 3.5	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.

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

# Los Angeles 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			
QN98: Percenta	ge of students who	had anal sex			;			
14.6	10.4	9.9	10.2	14.6	6.8	Decreased, 2011-2021	No quadratic change	Decreased
QN101: Percent	age of students who	have been taught a	bout AIDS or HIV	infection in school				
81.7	79.3	78.8	76.0	72.7	59.1	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	Decreased
QN102: Percent	age of students who	have had sex educ	ation in school					
			70.7	71.1	63.6	No linear change	Not available <sup>§</sup>	Decreased
		o went to the school						
during the 12 m	onths before the su	rvey, among studen	ts whose school has	a school-based hea	alth center)			
				24.1	17.1	Decreased, 2019-2021	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.

# Los Angeles High School Survey 10-year Trend Analysis Report

te-Added		Health Risk Behav	ior and Percentag	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 †		
2011	2013	2015	2017	2019	2021	<del></del>		
QN104: Percent	age of students wh	o have ever been tol	d by a doctor or a n	urse that they have	asthma			
15.4	18.8	17.8	19.2	18.7	15.9	No linear change	No change, 2011-2017 No change, 2017-2021	No change
QN106: Percent can talk to if the		o reported there is at	t least one teacher o	or other adult in thei	ir school that they	,		
•			67.6	62.3	56.7	Decreased, 2017-2021	Not available <sup>§</sup>	Decreased
QN107: Percent	age of students who	o strongly agree or a	agree that they feel	like they belong at	their school			
				63.3	60.8	No linear change	Not available	No change
QN108: Percent	age of students wh	o strongly agree or a	agree that they feel	close to people at the	neir school			
				67.8	66.9	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.

Hispanic Site-Added	Health Risk Behavior and Percentages					Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
2011	2013	2015	2017	2019	2021			
QN109: Perce months before	ntage of students wh the survey)	no described their gra	ades in school as mo	ostly A's or B's (dur	ring the 12 57.7	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.