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**			

QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

| 24.3 | 22.1 | 19.8 | 14.7 | 14.7 | 13.2 | Decreased, 2011-2021 | No quadratic change | No change |

QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

| | 7.3 | 6.4 | 5.1 | 5.2 | 3.8 | Decreased, 2013-2021 | Not available[§] | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]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**			
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)								
		21.3	18.0	18.0	13.6	Decreased, 2015-2021	Not available[§]	No change
QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)								
		3.4	4.3	2.9		No linear change	Not available	No change
QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)								
7.9	6.1	6.2	7.4	13.1	13.4	Increased, 2011-2021	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
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[§]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, 2015-2021 | No change |

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 | 16.3 | 15.7 | 19.7 | 12.8 | Decreased, 2011-2021 | Decreased, 2011-2015 No change, 2015-2021 | Decreased |

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

| 7.7 | 8.2 | 6.5 | 7.0 | 7.4 | 8.7 | No linear change | No quadratic change | No change |

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

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			

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			8.4	9.7	9.2	No linear change	Not available[§]	No change

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	11.3	8.6	4.7	5.5	7.3	Decreased, 2013-2021	Not available	No change

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[†]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

Total
Injury and Violence

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

	7.4	7.2	6.7	5.9	5.7	No linear change	Not available[§]	No change

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

15.3	14.2	14.6	13.2	12.8	10.1	Decreased, 2011-2021	No quadratic change	Decreased

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)

12.8	8.3	9.3	10.8	9.2	10.3	No linear change	Decreased, 2011-2015 No change, 2015-2021	No change

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[†]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

Total
Injury and Violence

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**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)								
27.6	28.4	30.4	30.5	34.0	40.9	Increased, 2011-2021	No change, 2011-2017 Increased, 2017-2021	Increased
QN26: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)								
14.3	13.2	14.1	13.1	13.0	17.7	No linear change	No change, 2011-2017 Increased, 2017-2021	Increased
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)								
13.6	12.1	12.9	11.4	10.6	15.0	No linear change	No change, 2011-2017 Increased, 2017-2021	Increased
QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)								
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

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[†]Based on t-test analysis, $p < 0.05$.

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**			

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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
4.1	3.1	2.1	2.8	3.6	3.5	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change

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†Based on t-test analysis, $p < 0.05$.

Los Angeles High School Survey
10-year Trend Analysis Report

**Total
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN30: Percentage 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
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)								
			5.9	5.8	4.9	No linear change	Not available[§]	No change
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
9.1	6.7	4.5	2.7	2.3	1.5	Decreased, 2011-2021	No quadratic change	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
2.2	0.8	1.0	0.9	0.1	0.0	Not available	Not available	Not available

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

Los Angeles High School Survey
10-year Trend Analysis Report

**Total
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)								
1.7	0.4	0.8	0.8	0.1	0.0	Not available	Not available[§]	Not available
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])								
		43.7	36.4	39.0	26.7	Decreased, 2015-2021	Not available	Decreased
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)								
		16.8	4.9	11.9	8.4	Decreased, 2015-2021	Not available	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

**Total
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)								
		1.2	0.9	1.4	1.3	No linear change	Not available[§]	No change
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
		0.7	0.8	1.1	0.7	No linear change	Not available	No change
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)								
		17.1	5.6	11.0	7.9	Decreased, 2015-2021	Not available	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN37: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)								
			1.9	2.9	2.3	No linear change	Not available[§]	No change
QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)								
			0.6	0.3	0.1	No linear change	Not available	No change
QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)								
			0.6	0.2	0.0	No linear change	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

**Total
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
8.5	5.9	4.4	2.7	3.5	1.7	Decreased, 2011-2021	No quadratic change	Decreased
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)								
			6.1	11.6	8.0	Increased, 2017-2021	Not available[§]	Decreased
QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)								
1.7	0.4	1.0	0.7	0.7	0.2	No linear change	No quadratic change	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

**Total
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change[*]	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)								
10.3	7.9	5.5	3.1	3.2	2.1	Decreased, 2011-2021	No quadratic change	No change
QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)								
1.5	0.4	0.7	0.7	0.7	0.2	No linear change	No quadratic change	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
25.5	18.1	15.2	15.5	14.9	14.1	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
32.9	27.6	21.7	22.4	21.2	14.5	Decreased, 2011-2021	No quadratic change	Decreased

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 least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			8.3	6.1	4.3	Decreased, 2017-2021	Not available[§]	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 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)								
				1.5	0.7	Decreased, 2019-2021	Not available[§]	No change
QN45: Percentage of students who ever used marijuana (one or more times during their life)								
42.4	39.3	34.7	35.9	38.6	20.5	Decreased, 2011-2021	Decreased, 2011-2017 Decreased, 2017-2021	Decreased
QN46: Percentage of students who tried marijuana for the first time before age 13 years								
12.3	9.3	7.8	7.2	7.6	5.4	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)								
22.4	20.3	16.6	19.1	22.0	9.9	Decreased, 2011-2021	No quadratic change	Decreased

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[†]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

Total
Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

| | | 6.5 | 6.5 | 8.3 | 5.5 | No linear change | Not available[§] | Decreased |

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

| | | 10.6 | 15.5 | 11.7 | | No linear change | Not available | Decreased |

QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)

| 9.2 | 6.5 | 5.0 | 4.0 | 5.2 | 2.3 | Decreased, 2011-2021 | No quadratic change | Decreased |

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[†]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

Total
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)

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: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)

4.4	3.0	2.0	1.9	4.0	2.1	No linear change	No quadratic change	No 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)

6.9	5.1	3.4	2.7	3.3	2.0	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)

16.4	10.9	4.5	3.8	4.8	3.3	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 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

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[†]Based on t-test analysis, p < 0.05.

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN57: Percentage of students who ever had sexual intercourse								
38.9	32.7	27.6	30.0	30.2	20.4	Decreased, 2011-2021	No quadratic change	Decreased
QN58: Percentage of students who had sexual intercourse for the first time before age 13 years								
5.7	4.1	3.8	3.8	3.9	2.8	Decreased, 2011-2021	No quadratic change	No change
QN59: Percentage of students who had sexual intercourse with four or more persons during their life								
9.2	7.7	5.7	6.9	5.7	3.4	Decreased, 2011-2021	No quadratic change	No change
QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)								
				18.2	12.5	Decreased, 2019-2021	Not available[§]	Decreased

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[†]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

Total
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)								
				14.3	15.9	No linear change	Not available[§]	No change
QN62: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)								
				52.0	58.0	No linear change	Not available	No change
QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)								
16.6	14.8	12.8	10.4	12.1	7.3	Decreased, 2011-2021	No quadratic change	Decreased
QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)								
				10.4	4.6	Decreased, 2019-2021	Not available	Decreased

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

2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN66: Percentage of students who described themselves as slightly or very overweight								
31.1	36.0	35.9	37.3	36.7	38.6	Increased, 2011-2021	No quadratic change	No change
QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)§								
16.9	17.8	19.9	18.4	19.2	20.0	Increased, 2011-2021	No quadratic change	No change
QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)§								
13.3	13.6	13.3	16.4	20.8	21.2	Increased, 2011-2021	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight								
				57.3	54.2	No linear change	Not available¶	No change

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

Total
Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before 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
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)								
22.1	24.1	27.4	28.3	32.6	28.1	Increased, 2011-2021	Increased, 2011-2017 No change, 2017-2021	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)								
21.3	16.5	11.3	11.9	10.6	11.9	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

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

2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Weight Management and Dietary Behaviors

	Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

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)

| 13.3 | 10.2 | 6.4 | 7.2 | 6.4 | 7.0 | Decreased, 2011-2021 | Decreased, 2011-2015 No change, 2015-2021 | No change |

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | 14.2 | 11.8 | 12.2 | 15.6 | 22.5 | Increased, 2013-2021 | Not available[§] | Increased |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | 35.6 | 38.4 | 35.8 | 30.3 | 23.5 | Decreased, 2013-2021 | Not available | Decreased |

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

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Los Angeles High School Survey
10-year Trend Analysis Report

Total Physical Activity

		Health Risk Behavior and Percentages				Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	2013	2015	2017	2019	2021			

QN77: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| 39.2 | 44.2 | 46.6 | 48.5 | 37.7 | 35.9 | No linear change | Increased, 2011-2017 Decreased, 2017-2021 | No change |

QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| 17.7 | 15.0 | 14.1 | 14.2 | 18.0 | 18.3 | No linear change | Decreased, 2011-2015 Increased, 2015-2021 | No change |

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

| 19.9 | 22.5 | 23.2 | 23.9 | 20.5 | 18.4 | No linear change | Increased, 2011-2017 Decreased, 2017-2021 | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Physical Activity

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)								
63.4	61.0	61.1	63.2	60.7	58.7	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)								
33.8	33.9	36.7	43.5	25.6	27.9	No linear change	No quadratic change	No change
QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)								
			16.2	16.9	14.5	No linear change	Not available[§]	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total Other

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)								
		69.6	71.7	67.5	69.6	No linear change	Not available[§]	No change
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)								
		1.9	1.8	2.2	1.4	No linear change	Not available	No change
QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)								
		30.2	30.5	26.0	27.8	Decreased, 2015-2021	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total Site-Added

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN88: Percentage of students who are transgender

| | | | 1.0 | 1.0 | 1.7 | Increased, 2017-2021 | Not available[§] | No change |

QN89: Percentage of students who think other people at school would describe them as equally feminine and masculine

| 10.0 | 12.7 | 14.5 | 20.3 | 17.8 | | Increased, 2013-2021 | Not available | No change |

QN90: Percentage of students who have been the victim of teasing or name calling because of their race or ethnic background (during the 12 months before the survey)

| | | | 14.3 | 14.8 | 15.2 | No linear change | Not available | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total Site-Added

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN91: Percentage of students who have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual (during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
9.4	9.7	9.3	5.6	8.6	11.9	No linear change	Decreased, 2011-2017 Increased, 2017-2021	Increased

QN92: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			15.6	16.8	22.8	Increased, 2017-2021	Not available[§]	Increased

QN93: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
65.1	59.9	53.0	54.4	46.1	37.7	Decreased, 2011-2021	No quadratic change	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

**Total
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN94: Percentage of students who ever took steroid pills or shots without a doctor's prescription (one or more times during their life)								
3.8	3.2	2.5	2.6	3.6	2.6	No linear change	No quadratic change	No change
QN95: Percentage of students who have taken over-the-counter drugs to get high (one or more times during their life)								
9.7	6.7	5.9	6.2	6.3	3.8	Decreased, 2011-2021	No quadratic change	Decreased
QN96: Percentage of students who are sexually attracted to females and males								
		5.2	7.2	9.2	13.6	Increased, 2015-2021	Not available§	Increased
QN97: Percentage of students who had oral sex								
36.2	28.3	26.6	29.8	31.9	20.1	Decreased, 2011-2021	No quadratic change	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Total
Site-Added

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN98: Percentage 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: Percentage of students who have been taught about 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: Percentage of students who have had sex education in school

| | | | 70.3 | 72.0 | 64.8 | No linear change | Not available[§] | Decreased |

QN103: Percentage of students who went to the school-based health center at their school one or more times (during the 12 months before the survey, among students whose school has a school-based health center)

| | | | 25.2 | 17.5 | | Decreased, 2019-2021 | Not available | Decreased |

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

Los Angeles High School Survey
10-year Trend Analysis Report

**Total
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2019-2021 †
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN104: Percentage of students who have ever been told by a doctor or a nurse 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 |

QN106: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem

| | | | 67.4 | 63.2 | 56.7 | Decreased, 2017-2021 | Not available§ | Decreased |

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

| | | | | 61.6 | 61.2 | No linear change | Not available | No change |

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

| | | | | 67.6 | 66.8 | No linear change | Not available | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

**Total
Site-Added**

	Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN109: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)

			58.9	59.4	61.6	No linear change	Not available[§]	No change

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**			

QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

25.1	19.9	20.6	14.0	15.2	12.4	Decreased, 2011-2021	No quadratic change	No change

QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

	7.7	7.6	4.6	4.4	3.7	Decreased, 2013-2021	Not available[§]	No change

QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

		25.1	19.7	17.5	16.6	Decreased, 2015-2021	Not available	No change

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

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			

QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			4.1	6.1	3.9	No linear change	Not available§	No change

QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
7.7	5.0	6.3	6.3	11.1	10.5	Increased, 2011-2021	No quadratic change	No change

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

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
10.4	6.7	6.6	5.7	5.9	6.8	Decreased, 2011-2021	No quadratic change	No change

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

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			

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

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
36.3	25.3	21.1	18.2	25.1	15.8	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	Decreased

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

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
5.8	6.3	6.0	6.0	7.2	6.4	No linear change	No quadratic change	No change

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			5.1	7.0	5.7	No linear change	Not available[§]	No change

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

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			

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | 7.5 | 6.3 | 3.4 | 4.0 | 4.5 | Decreased, 2013-2021 | Not available[§] | No change |

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | 7.2 | 7.5 | 6.6 | 4.9 | 5.9 | No linear change | Not available | No change |

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

| 14.0 | 11.7 | 12.6 | 11.6 | 11.2 | 8.6 | Decreased, 2011-2021 | No quadratic change | No change |

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

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**			

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)

| 9.5 | 6.8 | 6.9 | 7.9 | 7.3 | 8.4 | No linear change | No quadratic change | No change |

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)

| 19.2 | 19.0 | 23.3 | 23.5 | 24.7 | 29.2 | Increased, 2011-2021 | No quadratic change | No change |

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

| 9.5 | 8.0 | 10.4 | 9.6 | 8.8 | 13.0 | No linear change | No quadratic change | Increased |

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

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	11.6	8.8	6.7	10.8	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

*Based on trend 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

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN30: Percentage 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: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)								
			7.3	5.9	5.0	No linear change	Not available[§]	No change
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
11.0	6.8	6.0	3.3	3.2	1.4	Decreased, 2011-2021	No quadratic change	Decreased
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
3.1	1.2	1.3	1.3	0.2	0.0	Not available	Not available	Not available

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
2.5	0.5	1.0	1.1	0.2	0.0	Not available	Not available[§]	Not available

QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
		46.4	37.5	36.6	22.9	Decreased, 2015-2021	Not available	Decreased

QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
		17.8	6.1	12.5	5.5	Decreased, 2015-2021	Not available	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Tobacco Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)								
		2.1	1.0	1.9	0.9	No linear change	Not available[§]	No change
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
		1.1	0.8	1.5	0.5	No linear change	Not available	No change
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)								
		18.0	7.0	11.5	4.9	Decreased, 2015-2021	Not available	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

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

| | | | 1.6 | 3.1 | 2.7 | No linear change | Not available[§] | No change |

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | 0.7 | 0.4 | 0.0 | Not available | Not available | Not available |

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

| | | | 0.7 | 0.3 | 0.0 | Not available | Not available | Not available |

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

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Los Angeles High School Survey
10-year Trend Analysis Report

Male
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
11.8	7.1	5.5	3.7	4.9	1.8	Decreased, 2011-2021	No quadratic change	Decreased
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)								
			7.8	12.0	4.8	Decreased, 2017-2021	Not available[§]	Decreased
QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)								
2.4	0.6	1.3	1.0	1.2	0.1	No linear change	No quadratic change	No change

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

Los Angeles High School Survey

10-year Trend Analysis Report

Male
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	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
QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on 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

[*]Based on trend 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

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
27.5	18.6	17.2	16.4	17.9	12.9	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
32.0	24.0	20.0	19.9	18.9	12.6	Decreased, 2011-2021	No quadratic change	Decreased

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 least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			7.6	5.5	3.6	Decreased, 2017-2021	Not available[§]	No change

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

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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	38.4	32.7	34.4	36.5	18.7	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)								
24.8	20.0	17.4	19.0	22.0	9.1	Decreased, 2011-2021	No quadratic change	Decreased

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

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

		6.4	7.9	9.0	5.8	No linear change	Not available[§]	No change

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

		10.9	14.3	9.7	No linear change	Not available	Decreased

QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)

9.5	7.5	5.8	4.0	7.1	3.0	Decreased, 2011-2021	No quadratic change	Decreased

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

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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)

| 12.4 | 8.4 | 6.4 | 4.3 | 5.9 | 7.1 | Decreased, 2011-2021 | Decreased, 2011-2017 No change, 2017-2021 | No change |

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 linear change | No quadratic change | No 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)

| 8.0 | 6.4 | 4.6 | 2.5 | 4.2 | 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, 2015-2021 | No change |

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

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**			
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

[*]Based on trend 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
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN57: Percentage of students who ever had sexual intercourse								
43.2	37.2	32.7	34.3	36.7	22.1	Decreased, 2011-2021	No quadratic change	Decreased
QN58: Percentage of students who had sexual intercourse for the first time before age 13 years								
9.0	5.5	5.7	5.3	5.1	3.3	Decreased, 2011-2021	No quadratic change	No change
QN59: Percentage of students who had sexual intercourse with four or more persons during their life								
12.8	10.5	9.5	9.5	8.6	5.3	Decreased, 2011-2021	No quadratic change	No change
QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)								
				19.7	12.7	Decreased, 2019-2021	Not available[§]	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)

| | | | | 16.0 | 20.0 | No linear change | Not available[§] | No change |

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

| | | | | 62.2 | 61.1 | No linear change | Not available | No change |

QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

| 16.6 | 15.2 | 13.7 | 10.1 | 13.7 | 7.9 | Decreased, 2011-2021 | No quadratic change | Decreased |

QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)

| | | | | 10.7 | 4.3 | Decreased, 2019-2021 | Not available | Decreased |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN66: Percentage of students who described themselves as slightly or very overweight								
28.3	31.3	31.0	33.5	32.7	38.2	Increased, 2011-2021	No quadratic change	No change
QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]								
15.9	17.2	15.9	17.2	17.0	18.6	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]								
19.8	18.1	16.6	21.0	25.9	25.7	Increased, 2011-2021	No change, 2011-2015 Increased, 2015-2021	No change
QN67: Percentage of students who were trying to lose weight								
				48.4	49.2	No linear change	Not available[¶]	No change

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

Male
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)

| 11.1 | 11.3 | 11.2 | 10.6 | 12.8 | 12.7 | No linear change | No quadratic change | No change |

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)

| 18.9 | 23.9 | 22.9 | 22.4 | 29.3 | 28.2 | Increased, 2011-2021 | No quadratic change | No change |

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)

| 24.8 | 18.0 | 14.5 | 14.4 | 12.1 | 14.8 | Decreased, 2011-2021 | Decreased, 2011-2015 No change, 2015-2021 | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
14.8	11.5	8.1	9.0	8.1	9.0	Decreased, 2011-2021	No quadratic change	No change

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	13.3	10.6	11.9	15.8	19.4	Increased, 2013-2021	Not available[§]	No change

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	40.0	41.3	39.0	31.8	27.5	Decreased, 2013-2021	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
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)								
46.5	49.9	54.6	56.7	45.0	42.7	No linear change	Increased, 2011-2017 Decreased, 2017-2021	No change
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)								
13.9	12.3	12.0	11.9	14.5	14.9	No linear change	No quadratic change	No change
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)								
26.0	28.8	30.3	30.7	26.4	23.6	No linear change	Increased, 2011-2017 Decreased, 2017-2021	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Physical Activity

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
63.2	62.4	61.1	66.1	61.9	59.5	No linear change	No quadratic change	No change

QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
32.5	34.3	34.0	43.9	28.2	30.5	No linear change	No quadratic change	No change

QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			16.9	21.2	16.4	No linear change	Not available[§]	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Other

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)								
		68.5	70.4	65.4	67.2	No linear change	Not available[§]	No change
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)								
		2.1	1.7	2.4	2.1	No linear change	Not available	No change
QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)								
		33.0	33.6	29.9	28.7	Decreased, 2015-2021	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Site-Added

	Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN88: Percentage of students who are transgender								
			0.4	0.6	1.0	Increased, 2017-2021	Not available[§]	No change
QN89: Percentage of students who think other people at school would describe them as equally feminine and masculine								
	9.7	11.3	11.7	18.7	15.0	Increased, 2013-2021	Not available	Decreased
QN90: Percentage of students who have been the victim of teasing or name calling because of their race or ethnic background (during the 12 months before the survey)								
			15.4	13.6	15.0	No linear change	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Site-Added

	Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN91: Percentage of students who have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual (during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
10.6	9.5	10.2	5.5	8.9	10.9	No linear change	No quadratic change	No change

QN92: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			11.2	12.7	15.9	Increased, 2017-2021	Not available[§]	No change

QN93: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
63.8	56.8	50.2	50.9	41.0	34.2	Decreased, 2011-2021	No quadratic change	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Site-Added

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN94: Percentage of students who ever took steroid pills or shots without a doctor's prescription (one or more times during their life)

| 5.2 | 3.8 | 3.0 | 1.7 | 5.1 | 3.4 | No linear change | No quadratic change | No change |

QN95: Percentage of students who have taken over-the-counter drugs to get high (one or more times during their life)

| 10.3 | 8.1 | 5.9 | 6.4 | 6.8 | 3.7 | Decreased, 2011-2021 | No quadratic change | No change |

QN96: Percentage of students who are sexually attracted to females and males

| | | 2.1 | 2.4 | 3.1 | 3.6 | No linear change | Not available[§] | No change |

QN97: Percentage of students who had oral sex

| 42.1 | 33.7 | 33.3 | 34.6 | 36.3 | 22.7 | Decreased, 2011-2021 | No quadratic change | Decreased |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Site-Added

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN98: Percentage of students who had anal sex								
17.3	12.6	12.5	11.5	17.4	7.7	Decreased, 2011-2021	No quadratic change	Decreased
QN101: Percentage of students who have been taught about 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: Percentage of students who have had sex education in school								
			73.7	72.2	67.3	No linear change	Not available[§]	No change
QN103: Percentage of students who went to the school-based health center at their school one or more times (during the 12 months before the survey, among students whose school has a school-based health center)								
				25.8	16.7	Decreased, 2019-2021	Not available	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Site-Added

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021[†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN104: Percentage of students who have ever been told by a doctor or a nurse that they have asthma

| 18.0 | 19.8 | 18.7 | 20.9 | 18.8 | 18.3 | No linear change | No quadratic change | No change |

QN106: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem

| | | | 67.4 | 65.4 | 56.2 | Decreased, 2017-2021 | Not available[§] | Decreased |

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

| | | | | 66.1 | 65.0 | No linear change | Not available | No change |

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

| | | | | 70.9 | 71.2 | No linear change | Not available | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Male
Site-Added

		Health Risk Behavior and Percentages				**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2019-2021** [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN109: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)

| | | | 55.3 | 51.5 | 60.0 | No linear change | Not available[§] | Increased |

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

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			
QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)								
23.0	24.2	19.1	15.3	13.9	14.0	Decreased, 2011-2021	No quadratic change	No change
QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)								
	6.9	4.4	4.8	4.9	3.7	No linear change	Not available[§]	No change
QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)								
		16.1	15.4	17.9	9.2	No linear change	Not available	Decreased

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

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**			
QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)								
			2.5	2.1	1.8	No linear change	Not available[§]	No change
QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)								
7.8	7.2	5.8	8.6	14.9	16.4	Increased, 2011-2021	No change, 2011-2015 Increased, 2015-2021	No change
QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey)								
4.5	4.5	3.1	3.7	4.6	4.3	No linear change	No quadratic change	No change

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

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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**			

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

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change 2019-2021
21.1	18.4	11.7	13.0	13.9	9.5	Decreased, 2011-2021	No quadratic change	Decreased

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

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change 2019-2021
9.5	10.2	6.8	8.0	7.5	11.1	No linear change	Decreased, 2011-2015 Increased, 2015-2021	Increased

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change 2019-2021
			11.7	12.2	13.1	No linear change	Not available[§]	No change

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

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			

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

	15.3	10.8	6.0	6.8	10.4	Decreased, 2013-2021	Not available[§]	No change

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

	7.4	6.6	6.6	5.8	5.2	No linear change	Not available	No change

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

16.7	16.8	16.3	14.9	14.3	11.8	Decreased, 2011-2021	No quadratic change	No change

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

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**			

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)

| 16.0 | 9.9 | 11.7 | 13.9 | 11.8 | 12.5 | No linear change | Decreased, 2011-2015 No change, 2015-2021 | No change |

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)

| 36.5 | 38.4 | 37.1 | 37.6 | 43.4 | 53.4 | Increased, 2011-2021 | No change, 2011-2017 Increased, 2017-2021 | Increased |

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

| 19.3 | 18.5 | 17.6 | 16.3 | 16.8 | 22.6 | No linear change | Decreased, 2011-2017 Increased, 2017-2021 | Increased |

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

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 | 16.5 | 14.1 | 13.6 | 13.8 | 19.2 | No linear change | Decreased, 2011-2017 Increased, 2017-2021 | Increased |

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 | 3.4 | 2.7 | No linear change | No quadratic change | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Tobacco Use

		Health Risk Behavior and Percentages				**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2019-2021** [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs)								
38.3	32.2	21.8	18.6	14.9	12.2	Decreased, 2011-2021	No quadratic change	No change
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)								
			4.4	5.9	4.8	No linear change	Not available[§]	No change
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
6.8	6.7	3.0	1.7	1.6	1.6	Decreased, 2011-2021	No quadratic change	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
0.9	0.3	0.7	0.3	0.1	0.0	Not available	Not available	Not available

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)								
0.7	0.3	0.6	0.3	0.1	0.0	Not available	Not available[§]	Not available
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])								
		41.3	35.3	42.4	31.0	Decreased, 2015-2021	Not available	Decreased
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)								
		15.8	3.4	11.8	11.3	No linear change	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)

		0.3	0.7	1.1	1.6	Increased, 2015-2021	Not available[§]	No change

QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)

		0.3	0.7	1.0	0.9	Increased, 2015-2021	Not available	No change

QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)

		16.3	3.7	10.8	10.9	Decreased, 2015-2021	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

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

			2.0	2.5	1.9	No linear change	Not available[§]	No change

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

			0.3	0.3	0.3	No linear change	Not available	No change

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

			0.3	0.1	0.1	No linear change	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
4.5	4.5	3.3	1.5	1.8	1.4	Decreased, 2011-2021	No quadratic change	No change
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)								
			4.0	11.2	11.1	Increased, 2017-2021	Not available[§]	No change
QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)								
0.7	0.3	0.6	0.3	0.4	0.4	No linear change	No quadratic change	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	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)								
7.1	7.3	4.3	1.7	2.0	2.2	Decreased, 2011-2021	No quadratic change	No change
QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)								
0.6	0.2	0.5	0.3	0.4	0.3	No linear change	No quadratic change	No change

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

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			

QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
22.8	17.6	13.4	14.4	12.7	15.2	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
33.8	31.5	23.4	25.0	23.2	16.3	Decreased, 2011-2021	No quadratic change	Decreased

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 least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			8.7	6.8	5.0	Decreased, 2017-2021	Not available[§]	No change

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

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)

				1.1	0.4	No linear change	Not available[§]	No change

QN45: Percentage of students who ever used marijuana (one or more times during their life)

40.5	40.4	36.5	37.5	40.6	22.5	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	Decreased

QN46: Percentage of students who tried marijuana for the first time before age 13 years

8.8	9.0	6.4	6.2	7.5	5.9	No linear change	No quadratic change	No change

QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

19.8	20.7	15.9	19.2	21.9	10.7	Decreased, 2011-2021	No quadratic change	Decreased

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

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
		6.4	4.9	7.0	5.2	No linear change	Not available[§]	No change

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			10.3	16.4	13.9	Increased, 2017-2021	Not available	No change

QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
8.3	5.4	4.2	3.8	2.9	1.5	Decreased, 2011-2021	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]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)								
16.8	12.7	8.0	6.6	7.0	8.3	Decreased, 2011-2021	Decreased, 2011-2017 No change, 2017-2021	No change
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 linear change	No quadratic change	No 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)								
5.2	3.8	2.2	2.7	2.0	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)								
16.7	11.5	3.9	3.1	3.0	2.4	Decreased, 2011-2021	Decreased, 2011-2017 No change, 2017-2021	No change

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

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 No change, 2015-2021	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021[†]
2011	2013	2015	2017	2019	2021			
QN57: Percentage of students who ever had sexual intercourse								
34.2	28.0	22.9	25.5	25.6	18.9	Decreased, 2011-2021	No quadratic change	No change
QN58: Percentage of students who had sexual intercourse for the first time before age 13 years								
2.2	2.7	2.0	2.0	3.0	2.3	No linear change	No quadratic change	No change
QN59: Percentage of students who had sexual intercourse with four or more persons during their life								
5.3	4.7	2.3	4.2	3.5	1.5	Decreased, 2011-2021	No quadratic change	No change
QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)								
				16.6	12.3	No linear change	Not available[§]	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)								
				12.4	11.8	No linear change	Not available[§]	No change
QN62: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active)								
				40.5	55.0	Increased, 2019-2021	Not available	No change
QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)								
16.5	14.5	12.1	10.7	10.2	6.7	Decreased, 2011-2021	No quadratic change	Decreased
QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)								
				9.7	4.9	Decreased, 2019-2021	Not available	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Weight Management and Dietary Behaviors

	Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2019-2021[†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN66: Percentage of students who described themselves as slightly or very overweight

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
33.8	40.9	40.7	41.0	40.3	39.3	No linear change	Increased, 2011-2015 No change, 2015-2021	No change

QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
18.0	18.5	23.8	19.6	21.6	21.7	No linear change	No quadratic change	No change

QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
6.3	8.6	10.1	11.3	15.5	16.0	Increased, 2011-2021	No quadratic change	No change

QN67: Percentage of students who were trying to lose weight

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
				66.7	59.7	Decreased, 2019-2021	Not available[¶]	Decreased

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

Female
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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
8.9	7.3	6.2	6.3	8.4	11.4	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change

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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
25.7	24.2	31.8	34.4	36.2	28.1	Increased, 2011-2021	Increased, 2011-2017 Decreased, 2017-2021	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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
17.3	14.8	8.3	9.1	8.6	8.9	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
11.7	8.7	4.8	5.1	4.8	5.0	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	14.9	13.1	12.4	16.4	25.7	Increased, 2013-2021	Not available[§]	Increased

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	31.0	35.7	32.8	26.8	19.2	Decreased, 2013-2021	Not available	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
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)								
31.4	38.1	39.1	40.2	30.2	28.8	No linear change	Increased, 2011-2015 Decreased, 2015-2021	No change
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)								
21.8	17.9	16.1	16.3	21.8	21.9	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)								
13.3	16.1	16.5	17.0	15.4	13.0	No linear change	Increased, 2011-2017 Decreased, 2017-2021	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Physical Activity

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)								
63.6	59.4	60.8	60.3	57.3	57.8	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)								
35.5	33.2	39.2	43.0	24.8	25.0	No linear change	No quadratic change	No change
QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)								
			15.3	13.3	12.6	No linear change	Not available[§]	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Other

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)								
		71.0	73.1	70.3	72.0	No linear change	Not available[§]	No change
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)								
		1.7	1.7	1.7	0.7	No linear change	Not available	No change
QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)								
		27.5	27.4	21.6	26.9	No linear change	Not available	Increased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Site-Added

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN88: Percentage of students who are transgender								
			1.4	1.1	2.1	No linear change	Not available[§]	No change
QN89: Percentage of students who think other people at school would describe them as equally feminine and masculine								
	10.3	13.9	16.7	22.1	20.4	Increased, 2013-2021	Not available	No change
QN90: Percentage of students who have been the victim of teasing or name calling because of their race or ethnic background (during the 12 months before the survey)								
			13.1	16.1	15.4	No linear change	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Site-Added

		Health Risk Behavior and Percentages				**Linear Change***	**Quadratic Change***	**Change from 2019-2021 †**
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN91: Percentage of students who have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual (during the 12 months before the survey)

| 8.0 | 9.9 | 8.4 | 5.6 | 8.0 | 12.9 | No linear change | No change, 2011-2017 Increased, 2017-2021 | Increased |

QN92: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)

| | | | 19.5 | 20.9 | 29.9 | Increased, 2017-2021 | Not available§ | Increased |

QN93: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)

| 66.3 | 63.3 | 55.7 | 58.3 | 51.7 | 41.4 | Decreased, 2011-2021 | No quadratic change | Decreased |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Site-Added

		Health Risk Behavior and Percentages				**Linear Change***	**Quadratic Change***	**Change from 2019-2021 †**
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN94: Percentage of students who ever took steroid pills or shots without a doctor's prescription (one or more times during their life)								
1.8	2.5	1.8	3.3	1.5	1.8	No linear change	No quadratic change	No change
QN95: Percentage of students who have taken over-the-counter drugs to get high (one or more times during their life)								
8.5	5.1	5.9	5.9	5.4	3.8	Decreased, 2011-2021	No quadratic change	No change
QN96: Percentage of students who are sexually attracted to females and males								
		8.1	11.9	15.6	23.8	Increased, 2015-2021	Not available§	Increased
QN97: Percentage of students who had oral sex								
29.6	22.5	20.2	25.2	28.7	17.5	Decreased, 2011-2021	No quadratic change	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Site-Added

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN98: Percentage 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: Percentage of students who have been taught 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: Percentage of students who have had sex education in school								
			66.8	71.8	62.2	No linear change	Not available[§]	Decreased
QN103: Percentage of students who went to the school-based health center at their school one or more times (during the 12 months before the survey, among students whose school has a school-based health center)								
				25.0	18.4	No linear change	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Site-Added

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN104: Percentage of students who have ever been told by a doctor or a nurse 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
QN106: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem								
			67.2	63.1	57.4	Decreased, 2017-2021	Not available[§]	No change
QN107: Percentage of students who strongly agree or agree that they feel like they belong at their school								
				58.8	57.3	No linear change	Not available	No change
QN108: Percentage of students who strongly agree or agree that they feel close to people at their school								
				64.0	62.2	No linear change	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Female
Site-Added

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN109: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			62.8	66.1	63.4	No linear change	Not available[§]	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

White*
Injury and Violence

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021[§]
2011	2013	2015	2017	2019	2021			
QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)								
14.8	21.4	20.8	14.9	6.4	10.5	Decreased, 2011-2021	No change, 2011-2015 Decreased, 2015-2021	No change
QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)								
		4.3	0.0	2.7		Not available	Not available[¶]	Not available
QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)								
4.9	2.8	7.0	12.1	10.4	5.3	No linear change	No quadratic change	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
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)								
6.4	4.4	6.5	5.3	5.7	4.2	No linear change	No quadratic change	No change
QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)								
24.2	19.4	17.1	11.6	12.8	12.1	Decreased, 2011-2021	No quadratic change	No change
QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)								
7.8	8.3	7.2	2.9	6.5	4.7	No linear change	No quadratic change	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

White*
Injury and Violence

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

			7.9	4.0	11.8	No linear change	Not available[¶]	No change

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

15.3	12.2	17.8	14.5	21.7	13.2	No linear change	No quadratic change	No change

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)

16.5	14.2	12.2	12.5	10.1	10.3	No linear change	No quadratic change	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Injury and Violence

Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2019-2021**[§]
2011	**2013**	**2015**	**2017**	**2019**	**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)								
17.8	28.3	28.4	27.6	33.2	28.6	Increased, 2011-2021	No quadratic change	No change
QN26: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)								
12.1	12.4	12.2	14.5	6.8	15.4	No linear change	No quadratic change	No change
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)								
12.6	18.0	10.3	12.6	6.6	11.7	No linear change	No quadratic change	No change
QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)								
7.3	6.2	7.8	10.9	0.0	4.6	Not available	Not available[¶]	Not available

[*]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*
Injury and Violence

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

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)

2.8	0.8	0.8	6.1	0.0	2.0	Not available	Not available[¶]	Not available

[*]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*
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change†	Quadratic Change†	Change from 2019-2021 §
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN30: Percentage 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: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)

| | | | 6.6 | 9.1 | 2.4 | No linear change | Not available¶ | No change |

QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)

| 9.5 | 8.7 | 8.8 | 2.4 | 4.1 | 0.6 | Decreased, 2011-2021 | No quadratic change | No change |

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)

| 1.9 | 0.7 | 2.6 | 0.0 | 0.0 | 0.0 | Not available | Not available | Not available |

*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*
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)								
1.6	0.0	2.5	0.0	0.0	0.0	Not available	Not available[¶]	Not available
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])								
		36.6	36.2	39.1	23.5	No linear change	Not available	Decreased
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)								
		22.5	8.5	15.0	10.5	Decreased, 2015-2021	Not available	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)								
		2.1	1.2	0.0	2.4	Not available	Not available[¶]	Not available
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
		2.1	0.0	0.0	1.9	Not available	Not available	Not available
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)								
		21.7	9.5	13.2	6.5	Decreased, 2015-2021	Not available	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

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

			1.8	1.8	4.8	No linear change	Not available[¶]	Increased

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

			0.0	0.0	0.0	Not available	Not available	Not available

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

			0.0	0.0	0.0	Not available	Not available	Not available

*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*
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
7.9	9.1	7.2	2.3	6.0	2.6	Decreased, 2011-2021	No quadratic change	No change
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)								
			10.5	13.4	6.5	No linear change	Not available[¶]	No change
QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)								
2.0	0.8	1.6	1.2	0.0	0.0	Not available	Not available	Not available

[*]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*
Tobacco Use

		Health Risk Behavior and Percentages				**Linear Change**[†]	**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)								
11.6	11.4	9.0	2.5	4.2	0.6	Decreased, 2011-2021	No quadratic change	No change
QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)								
1.6	0.8	1.0	1.2	0.0	0.0	Not available	Not available[¶]	Not available

[*]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*
Alcohol and Other Drug Use

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)								
18.0	20.2	19.0	11.8	13.9	11.1	No linear change	No quadratic change	No change
QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)								
30.4	38.7	28.1	29.6	22.1	14.9	Decreased, 2011-2021	No quadratic change	No change
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 least 1 day during the 30 days before the survey)								
			9.3	3.8	3.7	No linear change	Not available[¶]	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
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)

				0.0	0.0	Not available	Not available[¶]	Not available

QN45: Percentage of students who ever used marijuana (one or more times during their life)

30.1	34.7	28.5	30.2	31.9	12.6	Decreased, 2011-2021	No quadratic change	Decreased

QN46: Percentage of students who tried marijuana for the first time before age 13 years

4.5	8.4	8.7	2.2	10.1	2.9	No linear change	No quadratic change	No change

QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

14.0	23.8	18.2	21.2	26.0	6.5	No linear change	No change, 2011-2017 No change, 2017-2021	Decreased

[*]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*
Alcohol and Other Drug Use

Health Risk Behavior and Percentages						**Linear Change†**	**Quadratic Change†**	**Change from 2019-2021 §**
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

| | | 8.8 | 4.4 | 6.8 | 7.6 | No linear change | Not available¶ | No change |

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

| | | 11.1 | 8.9 | 10.1 | | No linear change | Not available | No change |

QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)

| 3.8 | 8.1 | 4.4 | 5.7 | 2.7 | 2.9 | No linear change | No quadratic change | No change |

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

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Los Angeles High School Survey
10-year Trend Analysis Report

White*
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)								
11.3	13.4	6.9	7.7	2.0	10.8	No linear change	No quadratic change	Increased
QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)								
6.0	4.7	5.1	2.7	1.6	4.9	No linear change	No quadratic change	No 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)								
5.3	6.8	7.4	3.5	1.6	4.9	No linear change	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)								
12.6	10.9	9.1	5.1	0.0	5.5	Not available	Not available[¶]	Not available

[*]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*
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)								
3.7	5.0	2.9	2.2	1.6	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)								
32.1	37.3	30.3	32.4	22.2	19.5	Decreased, 2011-2021	No quadratic change	No change

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

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Los Angeles High School Survey
10-year Trend Analysis Report

White*
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN57: Percentage of students who ever had sexual intercourse								
29.3	22.2	20.9	21.9	24.7	14.2	Decreased, 2011-2021	No quadratic change	No change
QN58: Percentage of students who had sexual intercourse for the first time before age 13 years								
4.4	3.5	5.4	1.4	0.0	0.6	Not available	Not available[¶]	Not available
QN59: Percentage of students who had sexual intercourse with four or more persons during their life								
8.2	11.9	7.6	5.7	3.0	2.3	Decreased, 2011-2021	No quadratic change	No change
QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)								
				18.3	10.0	No linear change	Not available	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Sexual Behaviors

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	2013	2015	2017	2019	2021			

QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

| 7.6 | 9.6 | 9.7 | 11.8 | 5.5 | 6.8 | No linear change | No quadratic change | No change |

QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)

| | | | | 4.0 | 3.0 | No linear change | Not available[¶] | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN66: Percentage of students who described themselves as slightly or very overweight								
30.4	31.5	27.1	26.8	28.2	19.7	No linear change	No quadratic change	No change
QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[¶]								
11.1	16.8	12.9	14.8	14.4	15.3	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[¶]								
6.5	6.6	9.0	6.8	12.8	13.3	Increased, 2011-2021	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight								
				42.3	39.1	No linear change	Not available	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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.
[**]Not enough years of data to calculate.

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Los Angeles High School Survey
10-year Trend Analysis Report

White*
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)								
4.0	2.6	10.8	11.2	3.7	8.6	No linear change	No quadratic change	No change
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)								
24.5	30.9	36.4	39.0	38.0	45.7	Increased, 2011-2021	No quadratic change	No change
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)								
23.2	8.5	11.3	8.0	12.2	5.2	Decreased, 2011-2021	No quadratic change	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

White*
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)

| 15.2 | 4.6 | 7.8 | 4.2 | 6.2 | 2.0 | Decreased, 2011-2021 | No quadratic change | No change |

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | 13.5 | 13.1 | 15.2 | 20.3 | 18.3 | No linear change | Not available[¶] | No change |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | 35.1 | 46.9 | 34.7 | 32.8 | 35.7 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
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)								
41.7	48.2	54.4	44.9	24.4	48.2	No linear change	No quadratic change	Increased
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)								
14.3	10.2	8.1	17.1	15.6	11.6	No linear change	No quadratic change	No change
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)								
20.8	15.8	28.7	22.2	16.6	18.0	No linear change	No quadratic change	No change

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

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Los Angeles High School Survey
10-year Trend Analysis Report

White*
Physical Activity

		Health Risk Behavior and Percentages				**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2019-2021** [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)								
68.7	65.0	67.4	46.7	38.9	61.3	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)								
43.3	51.0	45.9	31.0	21.2	30.6	No linear change	No quadratic change	No change
QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)								
			17.9	9.9	13.1	No linear change	Not available[¶]	No change

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Other

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

		76.9	82.1	76.3	79.1	No linear change	Not available[¶]	No change

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)

		1.5	0.0	2.7	1.5	Not available	Not available	No change

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

		31.3	22.3	19.8	36.7	No linear change	Not available	Increased

*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*
Site-Added

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN88: Percentage of students who are transgender								
			1.0	0.0	2.7	Not available	Not available[¶]	Not available
QN89: Percentage of students who think other people at school would describe them as equally feminine and masculine								
	9.4	9.2	5.2	9.4	18.5	No linear change	Not available	No change
QN90: Percentage of students who have been the victim of teasing or name calling because of their race or ethnic background (during the 12 months before the survey)								
			17.0	29.3	20.2	No linear change	Not available	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Site-Added

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN91: Percentage of students who have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual (during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change
12.6	8.6	14.6	6.3	10.1	19.9	No linear change	No quadratic change	Increased

QN92: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change
			19.0	15.9	19.3	No linear change	Not available[¶]	No change

QN93: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change
60.7	59.4	55.5	54.7	58.1	40.4	Decreased, 2011-2021	No quadratic change	Decreased

[*]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*
Site-Added

	Health Risk Behavior and Percentages					Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN94: Percentage of students who ever took steroid pills or shots without a doctor's prescription (one or more times during their life)

| 4.1 | 6.2 | 4.1 | 3.2 | 1.8 | 6.8 | No linear change | No quadratic change | No change |

QN95: Percentage of students who have taken over-the-counter drugs to get high (one or more times during their life)

| 8.0 | 9.7 | 6.1 | 4.0 | 3.4 | 5.6 | Decreased, 2011-2021 | No quadratic change | No change |

QN96: Percentage of students who are sexually attracted to females and males

| | | 4.8 | 6.8 | 3.4 | 8.3 | No linear change | Not available[¶] | No change |

QN97: Percentage of students who had oral sex

| 34.2 | 29.0 | 26.8 | 30.4 | 23.7 | 17.8 | Decreased, 2011-2021 | No quadratic change | No change |

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*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*
Site-Added

	Health Risk Behavior and Percentages					Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN98: Percentage of students who had anal sex

| 12.0 | 10.1 | 7.5 | 7.8 | 9.3 | 4.3 | Decreased, 2011-2021 | No quadratic change | No change |

QN101: Percentage of students who have been taught 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: Percentage of students who have had sex education in school

| | | | 68.5 | 75.2 | 78.4 | No linear change | Not available[¶] | No change |

QN103: Percentage of students who went to the school-based health center at their school one or more times (during the 12 months before the survey, among students whose school has a school-based health center)

| | | | | 21.3 | 18.6 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Site-Added

	Health Risk Behavior and Percentages					Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN104: Percentage of students who have ever been told by a doctor or a nurse that they have asthma

| 16.4 | 16.8 | 14.6 | 22.4 | 8.2 | 17.6 | No linear change | No quadratic change | No change |

QN106: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem

| | | | 69.3 | 77.2 | 56.5 | No linear change | Not available[¶] | No change |

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

| | | | | 66.3 | 61.3 | No linear change | Not available | No change |

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

| | | | | 75.9 | 68.2 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Site-Added

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN109: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)

| | | | 80.6 | 63.1 | 81.2 | No linear change | Not available[¶] | No change |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]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*
Injury and Violence

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	2013	2015	2017	2019	2021			
QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)								
31.8	17.3	22.8	5.8	15.7	10.5	Decreased, 2011-2021	No quadratic change	No change
QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)								
		5.5	4.2	4.2		No linear change	Not available[¶]	No change
QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)								
9.4	5.7	6.3	6.9	15.6	8.1	No linear change	No quadratic change	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
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)

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change
15.2	4.7	8.4	8.0	5.8	6.1	No linear change	No quadratic change	No change

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

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change
42.9	28.5	31.7	21.6	21.8	23.4	Decreased, 2011-2021	No quadratic change	No change

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

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change
7.1	7.0	10.2	5.1	8.7	13.5	No linear change	No quadratic change	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Black*
Injury and Violence

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)

			9.4	7.4	8.9	No linear change	Not available[¶]	No change

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

	3.6	9.6	4.0	0.0	6.8	Not available	Not available	Not available

[*]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

Black*
Injury and Violence

	Health Risk Behavior and Percentages					**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2019-2021**[§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

| | 6.1 | 10.7 | 14.2 | 0.0 | 4.4 | Not available | Not available[¶] | Not available |

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

| 17.4 | 12.5 | 12.3 | 8.7 | 8.7 | 10.3 | No linear change | No quadratic change | No change |

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)

| 13.7 | 5.1 | 14.7 | 8.7 | 13.2 | 9.3 | No linear change | No quadratic change | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Injury and Violence

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	2013	2015	2017	2019	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)								
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: Percentage of students who seriously considered attempting suicide (during the 12 months before the survey)								
16.1	11.7	11.5	14.0	19.0	20.0	No linear change	No quadratic change	No change
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)								
16.5	13.9	15.4	9.7	17.7	16.7	No linear change	No quadratic change	No change
QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)								
15.1	9.9	5.8	6.6	14.4	15.3	No linear change	No change, 2011-2015 Increased, 2015-2021	No change

[*]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, $p < 0.05$.

Los Angeles High School Survey
10-year Trend Analysis Report

Black*
Injury and Violence

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	2013	2015	2017	2019	2021			

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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
5.7	1.6	1.2	2.9	7.4	4.5	No linear change	No quadratic change	No change

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

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Los Angeles High School Survey
10-year Trend Analysis Report

Black*
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN30: Percentage 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: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)								
			5.5	1.7	3.1	No linear change	Not available[¶]	No change
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
8.6	4.2	0.3	2.5	2.0	0.7	No linear change	No quadratic change	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
5.4	1.4	0.0	1.2	0.0	0.0	Not available	Not available	Not available

[*]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

Black*
Tobacco Use

		Health Risk Behavior and Percentages				**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2019-2021** [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)								
5.4	1.4	0.0	1.2	0.0	0.0	Not available	Not available[¶]	Not available
QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])								
		42.6	39.4	41.0	29.1	No linear change	Not available	Decreased
QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)								
		12.6	6.2	6.0	12.1	No linear change	Not available	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	2013	2015	2017	2019	2021			
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)								
		0.0	2.5	0.0	0.0	Not available	Not available[¶]	Not available
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
		0.0	2.5	0.0	0.0	Not available	Not available	Not available
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)								
		11.5	6.7	8.6	12.2	No linear change	Not available	No change

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

Los Angeles High School Survey
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Black*
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021[§]
2011	2013	2015	2017	2019	2021			

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

| | | | 5.5 | 0.0 | 1.1 | Not available | Not available[¶] | Not available |

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | 1.1 | 0.0 | 0.0 | Not available | Not available | Not available |

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

| | | | 1.1 | 0.0 | 0.0 | Not available | Not available | Not available |

[*]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

Black*
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
13.6	6.8	8.1	2.4	5.0	4.1	No linear change	No quadratic change	No change
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)								
			7.0	9.0	11.7	No linear change	Not available[¶]	No change
QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)								
3.5	1.3	2.4	1.1	5.0	1.8	No linear change	No quadratic change	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Tobacco Use

	Health Risk Behavior and Percentages					Linear Change[†]	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)

| 12.8 | 5.4 | 5.2 | 2.6 | 5.3 | 4.3 | No linear change | No quadratic change | No change |

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

| 3.5 | 1.3 | 1.4 | 1.1 | 3.7 | 1.8 | No linear change | No quadratic change | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Black*
Alcohol and Other Drug Use

			Health Risk Behavior and Percentages				**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2019-2021**[§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

| 21.3 | 13.0 | 21.2 | 12.6 | 14.8 | 7.9 | No linear change | No quadratic change | No change |

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

| 31.6 | 14.1 | 16.1 | 6.5 | 19.5 | 8.5 | Decreased, 2011-2021 | Decreased, 2011-2015 No change, 2015-2021 | Decreased |

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 least 1 day during the 30 days before the survey)

| | | | 1.2 | 4.1 | 3.9 | No linear change | Not available[¶] | No change |

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

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Los Angeles High School Survey
10-year Trend Analysis Report

Black*
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)

				1.5	1.3	No linear change	Not available[¶]	No change

QN45: Percentage of students who ever used marijuana (one or more times during their life)

52.7	35.7	43.4	36.8	41.2	33.7	No linear change	No quadratic change	No change

QN46: Percentage of students who tried marijuana for the first time before age 13 years

20.4	8.7	8.9	10.4	9.7	6.4	No linear change	No quadratic change	No change

QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

32.0	20.9	22.8	16.1	24.0	22.3	No linear change	No quadratic change	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Alcohol and Other Drug Use

		Health Risk Behavior and Percentages				**Linear Change†**	**Quadratic Change†**	**Change from 2019-2021 §**
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

| | | 4.8 | 8.9 | 4.6 | 6.3 | No linear change | Not available¶ | No change |

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

| | | 9.9 | 26.4 | 8.1 | | No linear change | Not available | Decreased |

QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)

| 7.5 | 3.7 | 4.0 | 5.2 | 5.6 | 0.0 | Not available | Not available | Not available |

*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

Black*
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)								
8.9	8.5	7.8	5.2	5.0	3.9	No linear change	No quadratic change	No change
QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)								
7.5	3.4	2.8	4.2	3.4	2.0	No linear change	No quadratic change	No 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)								
6.7	5.3	3.2	4.1	3.5	0.0	Not available	Not available[¶]	Not available
QN54: Percentage of students who ever used ecstasy (also called "MDMA" or "Molly," one or more times during their life)								
11.7	9.0	2.3	4.2	6.5	0.7	No linear change	No quadratic change	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
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)								
5.4	0.0	3.9	5.8	3.4	0.7	Not available	Not available[¶]	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)								
33.7	26.5	28.1	32.8	25.8	15.6	No linear change	No quadratic change	Decreased

[*]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

Black*
Sexual Behaviors

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN57: Percentage of students who ever had sexual intercourse

| 52.1 | 39.6 | 38.0 | 32.8 | 43.1 | 30.4 | Decreased, 2011-2021 | No quadratic change | Decreased |

QN58: Percentage of students who had sexual intercourse for the first time before age 13 years

| 10.5 | 6.9 | 8.6 | 7.6 | 11.5 | 5.9 | No linear change | No quadratic change | No change |

QN59: Percentage of students who had sexual intercourse with four or more persons during their life

| 22.6 | 13.7 | 10.6 | 10.9 | 11.7 | 6.6 | Decreased, 2011-2021 | No quadratic change | No change |

QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)

| | | | | 22.0 | 19.3 | No linear change | Not available[¶] | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
Sexual Behaviors

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)								
27.6	17.0	14.2	12.2	25.8	7.7	No linear change	No quadratic change	Decreased
QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)								
				17.5	7.3	No linear change	Not available[¶]	Decreased

[*]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

Black*
Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021[§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN66: Percentage of students who described themselves as slightly or very overweight								
18.0	23.6	30.2	24.5	30.5	30.7	Increased, 2011-2021	No quadratic change	No change
QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[¶]								
27.4	11.2	21.4	10.5	18.4	22.2	No linear change	No change, 2011-2017 Increased, 2017-2021	No change
QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[¶]								
5.2	13.7	11.9	19.1	21.6	18.6	Increased, 2011-2021	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight								
				56.5	40.0	Decreased, 2019-2021	Not available	Decreased

[*]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, $p < 0.05$.
[¶]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

Black*
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)

| 28.2 | 23.0 | 16.6 | 15.8 | 8.3 | 18.0 | Decreased, 2011-2021 | No quadratic change | Increased |

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)

| 26.1 | 21.1 | 33.1 | 32.1 | 36.8 | 43.8 | Increased, 2011-2021 | No quadratic change | No change |

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)

| 22.6 | 13.1 | 8.5 | 11.3 | 5.4 | 12.7 | No linear change | No quadratic change | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Black*
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)

| 20.0 | 11.3 | 5.3 | 10.2 | 2.8 | 10.9 | No linear change | No quadratic change | Increased |

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | 13.5 | 11.6 | 12.8 | 9.6 | 19.4 | No linear change | Not available[¶] | Increased |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | 28.3 | 28.6 | 27.0 | 23.8 | 26.1 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]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*
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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change
41.9	48.3	48.1	47.6	37.7	42.9	No linear change	No quadratic change	No change

QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change
29.1	13.0	18.0	20.7	24.5	14.6	No linear change	No quadratic change	No change

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

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change
15.9	22.1	24.8	22.9	24.4	27.5	Increased, 2011-2021	No quadratic change	No change

*Non-Hispanic.
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[§]Based on t-test analysis, $p < 0.05$.

Los Angeles High School Survey
10-year Trend Analysis Report

Black*
Physical Activity

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

| 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: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

| 29.1 | 31.7 | 24.4 | 45.1 | 25.0 | 37.3 | No linear change | No quadratic change | No change |

QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

| | | | 13.5 | 11.0 | 15.9 | No linear change | Not available[¶] | No change |

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[§]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*
Other

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)								
		71.5	58.8	56.2	73.4	No linear change	Not available[¶]	Increased
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)								
		1.5	4.1	1.4	2.1	No linear change	Not available	No change
QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)								
		27.0	26.6	15.9	28.3	No linear change	Not available	No change

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[§]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*
Site-Added

		Health Risk Behavior and Percentages				**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2019-2021** [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN88: Percentage of students who are transgender

			0.0	0.0	1.3	Not available	Not available[¶]	Not available

QN89: Percentage of students who think other people at school would describe them as equally feminine and masculine

7.5	8.4	3.3	8.3	7.9		No linear change	Not available	No change

QN90: Percentage of students who have been the victim of teasing or name calling because of their race or ethnic background (during the 12 months before the survey)

			22.3	24.7	18.0	No linear change	Not available	No change

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[§]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*
Site-Added

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN91: Percentage of students who have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual (during the 12 months before the survey)

| 10.0 | 13.0 | 11.3 | 2.2 | 11.4 | 17.8 | No linear change | No quadratic change | No change |

QN92: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)

| | | | 12.7 | 19.0 | 19.6 | No linear change | Not available[¶] | No change |

QN93: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)

| 57.9 | 47.3 | 50.1 | 42.4 | 37.1 | 25.7 | Decreased, 2011-2021 | No quadratic change | Decreased |

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[§]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*
Site-Added

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN94: Percentage of students who ever took steroid pills or shots without a doctor's prescription (one or more times during their life)

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change
5.8	3.3	2.2	2.9	3.4	0.7	No linear change	No quadratic change	No change

QN95: Percentage of students who have taken over-the-counter drugs to get high (one or more times during their life)

| 12.0 | 5.7 | 7.6 | 6.2 | 3.8 | 2.5 | No linear change | No quadratic change | No change |

QN96: Percentage of students who are sexually attracted to females and males

| | | 9.6 | 8.1 | 14.2 | 10.9 | No linear change | Not available[¶] | No change |

QN97: Percentage of students who had oral sex

| 54.0 | 38.0 | 37.7 | 31.4 | 35.3 | 24.1 | Decreased, 2011-2021 | No quadratic change | Decreased |

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[§]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*
Site-Added

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	2013	2015	2017	2019	2021			
QN98: Percentage of students who had anal sex								
14.8	8.2	10.3	5.3	9.9	4.7	No linear change	No quadratic change	No change
QN101: Percentage of students who have been taught 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: Percentage of students who have had sex education in school								
			67.1	78.8	64.8	No linear change	Not available[¶]	No change
QN103: Percentage of students who went to the school-based health center at their school one or more times (during the 12 months before the survey, among students whose school has a school-based health center)								
				35.3	23.5	No linear change	Not available	No change

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[§]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*
Site-Added

Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2019-2021[§]
2011	2013	2015	2017	2019	2021			

QN104: Percentage of students who have ever been told by a doctor or a nurse that they have asthma

| 20.5 | 24.1 | 34.7 | 32.6 | 18.4 | 30.4 | No linear change | No quadratic change | No change |

QN106: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem

| | | 68.9 | 70.5 | 64.8 | | No linear change | Not available[¶] | No change |

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

| | | | | 57.2 | 67.6 | Increased, 2019-2021 | Not available | Increased |

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

| | | | | 54.3 | 71.7 | Increased, 2019-2021 | Not available | Increased |

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

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Los Angeles High School Survey
10-year Trend Analysis Report

Black*
Site-Added

		Health Risk Behavior and Percentages				Linear Change[†]	Quadratic Change[†]	Change from 2019-2021 [§]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN109: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)

			64.4	66.5	71.0	No linear change	Not available[¶]	No change

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[§]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

Hispanic
Injury and Violence

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
25.1	24.2	20.2	16.2	14.7	14.1	Decreased, 2011-2021	No quadratic change	No change

QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	8.1	5.1	5.1	4.0	3.6	Decreased, 2013-2021	Not available[§]	No change

QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	17.2	15.3	16.3	11.5		No linear change	Not available	No change

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[†]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

Hispanic
Injury and Violence

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey)

		3.0	4.6	2.3		No linear change	Not available[§]	Decreased

QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)

7.3	6.8	6.0	7.0	13.1	14.1	Increased, 2011-2021	No change, 2011-2015 Increased, 2015-2021	No change

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

6.7	6.5	4.0	4.3	5.3	5.4	No linear change	Decreased, 2011-2017 No change, 2017-2021	No change

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[§]Not enough years of data to calculate.

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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			
QN16: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey)								
27.8	22.3	14.5	14.8	20.2	11.5	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	Decreased
QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to)								
7.9	8.7	5.9	7.8	7.4	8.2	No linear change	No quadratic change	No change
QN20: Percentage of students who experienced sexual violence (being forced by anyone to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey)								
			8.2	9.8	9.0	No linear change	Not available[§]	No change

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[§]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			

QN21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to do, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	12.2	8.1	5.0	5.6	7.1	Decreased, 2013-2021	Not available[§]	No change

QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
	7.4	6.4	6.0	5.7	5.6	No linear change	Not available	No change

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
14.0	14.2	13.9	13.1	12.6	9.8	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]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	11.3	8.7	10.2	No linear change	Decreased, 2011-2015 No change, 2015-2021	No change

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)

28.9	29.8	30.4	31.0	33.8	42.5	Increased, 2011-2021	No change, 2011-2017 Increased, 2017-2021	Increased

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 linear change	No change, 2011-2017 Increased, 2017-2021	Increased

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[†]Based on t-test analysis, $p < 0.05$.

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**			
QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey)								
13.5	10.6	12.2	10.8	10.2	14.7	No linear change	No change, 2011-2017 Increased, 2017-2021	Increased
QN28: Percentage of students who actually attempted suicide (one or more times during the 12 months before the survey)								
10.2	8.4	8.2	7.7	9.6	9.3	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)								
3.9	3.5	2.1	2.1	3.7	3.4	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change

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[†]Based on t-test analysis, $p < 0.05$.

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Tobacco Use

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN30: Percentage 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
QN31: Percentage of students who first tried cigarette smoking before age 13 years (even one or two puffs)								
			5.6	6.2	4.8	No linear change	Not available[§]	No change
QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
9.5	7.0	4.3	2.4	2.5	1.7	Decreased, 2011-2021	No quadratic change	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
1.7	0.6	0.9	0.5	0.2	0.0	Not available	Not available	Not available

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[†]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

Hispanic
Tobacco Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change 2019-2021
1.0	0.3	0.7	0.5	0.2	0.0	Not available	Not available[§]	Not available

QN34: Percentage of students who ever used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu])

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change 2019-2021
		44.7	36.9	39.3	27.4	Decreased, 2015-2021	Not available	Decreased

QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear	Quadratic	Change 2019-2021
		16.9	4.0	13.1	7.8	Decreased, 2015-2021	Not available	Decreased

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[†]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

Hispanic
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)								
		1.1	0.7	1.9	1.3	No linear change	Not available[§]	No change
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
		0.7	0.7	1.6	0.6	No linear change	Not available	No change
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)								
		17.8	4.8	11.7	7.4	Decreased, 2015-2021	Not available	Decreased

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[†]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

Hispanic
Tobacco Use

	Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

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

			1.7	3.4	2.3	No linear change	Not available[§]	No change

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

			0.6	0.5	0.1	No linear change	Not available	No change

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

			0.6	0.3	0.1	No linear change	Not available	No change

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[†]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

Hispanic
Tobacco Use

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			
QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
8.2	6.2	3.7	2.6	3.5	1.3	Decreased, 2011-2021	No quadratic change	Decreased
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)								
		5.3	12.3	7.7		No linear change	Not available[§]	Decreased
QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)								
1.4	0.3	0.7	0.6	0.5	0.1	No linear change	No quadratic change	No change

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[†]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

Hispanic
Tobacco Use

	Health Risk Behavior and Percentages						Linear Change[*]	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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change 2019-2021
10.2	8.2	5.0	2.9	3.1	2.0	Decreased, 2011-2021	No quadratic change	No change

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change 2019-2021
1.2	0.2	0.5	0.6	0.5	0.1	No linear change	No quadratic change	No change

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[*]Based on trend 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			

QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
27.5	18.9	14.7	17.1	16.4	14.8	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
34.7	29.4	22.4	24.0	21.7	15.0	Decreased, 2011-2021	No quadratic change	Decreased

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 least 1 day during the 30 days before the survey)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change from 2019-2021
			8.8	6.5	4.5	Decreased, 2017-2021	Not available[§]	No change

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

43.8	42.2	35.6	38.4	39.2	20.3	Decreased, 2011-2021	Decreased, 2011-2017 Decreased, 2017-2021	Decreased

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	15.8	20.0	21.8	9.3	Decreased, 2011-2021	No quadratic change	Decreased

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

QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)

| | | 6.3 | 6.6 | 9.0 | 5.2 | No linear change | Not available[§] | Decreased |

QN49: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and Percocet, one or more times during their life)

| | | 10.8 | 15.7 | 12.3 | | No linear change | Not available | Decreased |

QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life)

| 10.0 | 7.1 | 5.2 | 3.2 | 5.7 | 2.1 | Decreased, 2011-2021 | No quadratic change | Decreased |

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

16.6	11.1	7.6	5.4	6.5	7.5	Decreased, 2011-2021	Decreased, 2011-2017 No change, 2017-2021	No change

QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life)

3.5	2.9	1.3	1.4	4.6	1.8	No linear change	No quadratic change	Decreased

QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life)

7.1	5.4	2.9	2.2	3.6	1.7	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)

17.9	11.7	4.1	3.7	5.0	3.3	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

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

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

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

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN57: Percentage of students who ever had sexual intercourse

| 39.7 | 34.6 | 27.8 | 31.8 | 30.2 | 20.8 | Decreased, 2011-2021 | No quadratic change | Decreased |

QN58: Percentage of students who had sexual intercourse for the first time before age 13 years

| 5.3 | 3.6 | 3.2 | 4.1 | 3.6 | 2.6 | Decreased, 2011-2021 | No quadratic change | No change |

QN59: Percentage of students who had sexual intercourse with four or more persons during their life

| 7.6 | 6.8 | 5.0 | 7.3 | 5.9 | 3.2 | Decreased, 2011-2021 | No quadratic change | Decreased |

QN60: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)

| | | | | 17.5 | 12.4 | Decreased, 2019-2021 | Not available[§] | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021[†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active)

				13.5	15.7	No linear change	Not available[§]	No change

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

				50.9	59.5	No linear change	Not available	No change

QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

16.9	16.0	13.6	10.5	11.3	7.0	Decreased, 2011-2021	No quadratic change	Decreased

QN83: Percentage of students who were tested for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea (during the 12 months before the survey)

				10.0	4.4	Decreased, 2019-2021	Not available	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]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			
QN66: Percentage of students who described themselves as slightly or very overweight								
33.6	38.5	38.0	40.2	39.4	41.7	Increased, 2011-2021	No quadratic change	No change
QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]								
16.4	19.6	20.8	20.4	20.0	20.8	Increased, 2011-2021	No quadratic change	No change
QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§]								
15.3	15.2	14.6	17.4	22.0	22.4	Increased, 2011-2021	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight								
				59.1	58.2	No linear change	Not available[¶]	No change

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

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change 2019-2021
8.4	8.7	7.3	7.5	11.4	12.5	Increased, 2011-2021	No change, 2011-2017 Increased, 2017-2021	No change

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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change 2019-2021
20.7	22.3	24.0	26.4	31.6	24.9	Increased, 2011-2021	No quadratic change	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)

2011	2013	2015	2017	2019	2021	Linear Change	Quadratic Change	Change 2019-2021
21.2	18.2	12.2	12.5	11.2	12.6	Decreased, 2011-2021	Decreased, 2011-2015 No change, 2015-2021	No change

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

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)

| 12.3 | 10.7 | 6.5 | 7.4 | 6.9 | 7.4 | Decreased, 2011-2021 | Decreased, 2011-2015 No change, 2015-2021 | No change |

QN76: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | 14.6 | 11.5 | 11.6 | 16.2 | 23.1 | Increased, 2013-2021 | Not available[§] | Increased |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | 35.6 | 39.2 | 35.8 | 29.0 | 21.6 | Decreased, 2013-2021 | Not available | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]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 Decreased, 2017-2021	No change
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)								
17.3	15.4	13.8	14.0	17.9	19.4	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)								
20.4	23.1	22.2	24.9	20.3	16.7	No linear change	Increased, 2011-2017 Decreased, 2017-2021	No change

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

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			

QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

| 64.7 | 60.3 | 60.7 | 65.4 | 63.9 | 59.0 | No linear change | No quadratic change | No change |

QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

| 32.8 | 32.4 | 37.5 | 44.7 | 28.2 | 26.1 | No linear change | No quadratic change | No change |

QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

| | | | 16.3 | 18.3 | 14.2 | No linear change | Not available[§] | No change |

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

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Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Other

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			
QN84: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)								
		69.3	71.7	67.6	68.6	No linear change	Not available[§]	No change
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)								
		1.8	1.8	2.3	1.3	No linear change	Not available	No change
QN86: Percentage of students who got 8 or more hours of sleep (on an average school night)								
		32.1	33.5	27.9	27.8	Decreased, 2015-2021	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Site-Added

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	2013	2015	2017	2019	2021			

QN88: Percentage of students who are transgender

| | | | 1.0 | 1.0 | 1.6 | No linear change | Not available[§] | No change |

QN89: Percentage of students who think other people at school would describe them as equally feminine and masculine

| 9.6 | 13.7 | 16.9 | 22.8 | 18.9 | Increased, 2013-2021 | Not available | Decreased |

QN90: Percentage of students who have been the victim of teasing or name calling because of their race or ethnic background (during the 12 months before the survey)

| | | | 11.8 | 11.2 | 12.8 | No linear change | Not available | No change |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Site-Added

	Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN91: Percentage of students who have been the victim of teasing or name calling because someone thought they were gay, lesbian, or bisexual (during the 12 months before the survey)

| 8.3 | 9.5 | 8.5 | 6.0 | 8.5 | 10.6 | No linear change | No quadratic change | No change |

QN92: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)

| | | | 15.1 | 16.3 | 23.1 | Increased, 2017-2021 | Not available[§] | Increased |

QN93: Percentage of students who ever drank alcohol (at least one drink of alcohol, on at least 1 day during their life)

| 67.4 | 63.4 | 55.0 | 56.8 | 46.7 | 38.6 | Decreased, 2011-2021 | No quadratic change | Decreased |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Site-Added

		Health Risk Behavior and Percentages				**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2019-2021**[†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN94: Percentage of students who ever took steroid pills or shots without a doctor's prescription (one or more times during their life)

| 3.4 | 3.2 | 2.0 | 2.8 | 3.8 | 2.2 | No linear change | No quadratic change | No change |

QN95: Percentage of students who have taken over-the-counter drugs to get high (one or more times during their life)

| 9.6 | 7.0 | 5.5 | 6.6 | 6.6 | 3.5 | Decreased, 2011-2021 | No quadratic change | Decreased |

QN96: Percentage of students who are sexually attracted to females and males

| | | 5.2 | 7.0 | 9.6 | 14.8 | Increased, 2015-2021 | Not available[§] | Increased |

QN97: Percentage of students who had oral sex

| 34.7 | 27.5 | 25.0 | 31.0 | 32.2 | 20.4 | Decreased, 2011-2021 | No quadratic change | Decreased |

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

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Site-Added

	Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN98: Percentage 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: Percentage of students who have been taught about 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: Percentage of students who have had sex education in school

			70.7	71.1	63.6	No linear change	Not available[§]	Decreased

QN103: Percentage of students who went to the school-based health center at their school one or more times (during the 12 months before the survey, among students whose school has a school-based health center)

				24.1	17.1	Decreased, 2019-2021	Not available	Decreased

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

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Site-Added

		Health Risk Behavior and Percentages				Linear Change[*]	Quadratic Change[*]	Change from 2019-2021 [†]
2011	**2013**	**2015**	**2017**	**2019**	**2021**			

QN104: Percentage of students who have ever been told by a doctor or a nurse 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: Percentage of students who reported there is at least one teacher or other adult in their school that they can talk to if they have a problem

			67.6	62.3	56.7	Decreased, 2017-2021	Not available[§]	Decreased

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

				63.3	60.8	No linear change	Not available	No change

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

				67.8	66.9	No linear change	Not available	No change

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

Los Angeles High School Survey
10-year Trend Analysis Report

Hispanic
Site-Added

Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2019-2021[†]
2011	2013	2015	2017	2019	2021			

QN109: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)

			54.0	56.0	57.7	No linear change	Not available[§]	No change

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