

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Total Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet												No linear change	No change, 1997-2005 No change, 2005-2013	No change
			90.2		79.7	88.1	85.1	84.3	88.4	86.8	87.1			
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else												Decreased, 1997-2013	No quadratic change	No change
			9.2		6.7	7.3	7.6	5.8	6.7	5.9	5.4			
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol												Decreased, 1997-2013	No quadratic change	No change
			36.7		29.4	31.4	30.9	29.9	27.5	24.3	22.1			
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	Decreased
			17.0		12.5	14.0	13.9	14.3	12.2	12.5	9.0			

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

†Based on t-test analysis, p < 0.05.

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<b>Total Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
			6.0		4.3	3.7	3.2	4.6	3.5	4.4	2.9	Decreased, 1997-2013	No quadratic change	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
			5.8		5.4	7.0	5.8	6.1	3.7	4.8	2.3	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			10.6		14.4	9.2	12.7	11.4	8.1	7.9	6.1	Decreased, 1997-2013	No quadratic change	No change
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
			8.6		10.4	10.1	8.5	10.3	8.4	7.9	5.8	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			36.7		35.0	37.5	36.5	36.2	31.0	29.0	22.0	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased

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

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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
		4.8		4.5	5.0	5.3	6.1	3.8	4.1	2.7				
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
		16.2		14.0	17.2	16.3	18.9	12.9	12.8	8.9				
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to												No linear change	Decreased, 2001-2005 Increased, 2005-2013	No change
				8.1	5.5	5.0	5.6	7.8	7.7	8.2				
QN24: Percentage of students who had ever been bullied on school property during the past 12 months												No linear change	Not available <sup>§</sup>	No change
								15.0	15.3	14.2				
QN25: Percentage of students who had ever been electronically bullied during the past 12 months												Decreased, 2011-2013	Not available	Decreased
									12.8	8.3				

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§Not enough years of data to calculate.

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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
					35.3	34.6	32.6	31.5	30.1	27.6	28.4	Decreased, 2001-2013	No quadratic change	No change
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
			23.2		16.6	16.0	16.4	13.4	12.6	14.3	13.2	Decreased, 1997-2013	Decreased, 1997-2009 No change, 2009-2013	No change
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months														
			17.7		13.9	14.6	13.0	11.5	10.7	13.6	12.1	Decreased, 1997-2013	Decreased, 1997-2009 No change, 2009-2013	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
			12.6		12.3	11.4	9.9	8.1	8.8	10.8	8.4	Decreased, 1997-2013	No quadratic change	No change
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
			4.1		3.7	3.0	2.6	2.3	3.2	4.1	3.1	No linear change	No quadratic change	No change

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Total Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 1997-2013	No quadratic change	No change
			69.8		60.0	54.6	49.1	44.9	41.4	39.2	33.5			
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years												Decreased, 1997-2013	No quadratic change	No change
			22.0		18.2	13.3	11.5	11.6	9.3	9.2	6.7			
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			26.5		14.5	14.4	11.8	12.8	10.9	9.1	6.7			
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			6.4		2.7	2.4	1.4	2.8	1.6	2.2	0.8			
QN34: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days												No linear change	No quadratic change	No change
			6.3		1.8	2.8	3.4	5.8	6.1	11.2	2.7			

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Total Tobacco Use	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				2013
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days				8.9		3.9	3.4	2.6	4.1	3.1	2.6	1.4	Decreased, 1997-2013	No quadratic change	No change
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days						6.7	5.2	3.6	4.8	3.6	5.2	3.2	Decreased, 2001-2013	No quadratic change	No change
QN38: Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months						58.2	44.7	42.8	51.7	43.7	50.4	48.7	No linear change	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days				2.3		3.0	2.8	1.6	3.4	3.2	3.6	2.1	No linear change	No quadratic change	No change
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days						11.4	10.7	9.5	9.8	9.0	8.5	5.9	Decreased, 2001-2013	No quadratic change	No change

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Total Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					16.9	16.4	13.5	15.3	12.4	10.5	8.3	Decreased, 2001-2013	No quadratic change	No change

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<b>Total Alcohol and Other Drug Use</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>	
<b>Health Risk Behavior and Percentages</b>															
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life															
			78.2		76.4	76.1	72.5	71.2	68.2	65.1	59.9		Decreased, 1997-2013	Decreased, 1997-2007 Decreased, 2007-2013	Decreased
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years															
			35.3		32.6	29.2	29.9	24.4	25.5	25.5	18.1		Decreased, 1997-2013	No quadratic change	Decreased
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days															
			46.6		39.8	42.5	38.7	41.6	35.2	32.9	27.6		Decreased, 1997-2013	Decreased, 1997-2009 Decreased, 2009-2013	Decreased
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days															
			26.4		21.9	21.8	19.7	24.6	18.6	17.9	13.3		Decreased, 1997-2013	No quadratic change	Decreased
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days															
								41.9	40.1	33.4	33.9		Decreased, 2007-2013	Not available <sup>§</sup>	No change

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Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who used marijuana one or more times during their life												Decreased, 1997-2013	No quadratic change	No change
			45.7		41.2	42.5	39.7	40.7	37.6	42.4	39.3			
QN48: Percentage of students who tried marijuana for the first time before age 13 years												Decreased, 1997-2013	No quadratic change	No change
			11.9		11.7	11.2	11.1	9.7	9.6	12.3	9.3			
QN49: Percentage of students who used marijuana one or more times during the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			25.4		22.5	22.2	18.1	21.4	19.3	22.4	20.3			
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Decreased, 1997-2013	No quadratic change	Decreased
			12.3		10.1	9.9	10.0	11.4	9.7	9.2	6.5			
QN51: Percentage of students who 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												Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	Decreased
			17.7		17.2	13.5	17.9	17.4	16.9	14.9	10.5			

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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN52: Percentage of students who used heroin one or more times during their life														
					1.8	2.2	1.8	3.1	3.8	4.4	3.0	Increased, 2001-2013	No quadratic change	No change
QN53: Percentage of students who used methamphetamines one or more times during their life														
					7.6	8.0	10.2	9.0	7.1	6.9	5.1	Decreased, 2001-2013	No change, 2001-2005 Decreased, 2005-2013	No change
QN54: Percentage of students who used ecstasy one or more times during their life														
						4.7	3.5	6.4	11.0	16.4	10.9	Increased, 2003-2013	Increased, 2003-2009 No change, 2009-2013	Decreased
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life														
			3.4		4.4	3.3	3.6	2.3	3.5	3.8	3.2	No linear change	No quadratic change	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										12.1	10.6	No linear change	Not available <sup>§</sup>	No change

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Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life												No linear change	No quadratic change	No change
			2.2		1.5	1.4	1.5	2.7	3.2	3.4	2.1			
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months												Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	Decreased
			36.2		39.9	37.5	37.8	33.7	39.5	39.3	29.5			

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Total Sexual Behaviors</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
			45.4		40.0	38.8	42.0	46.4	38.3	38.9	32.7	Decreased, 1997-2013	No change, 1997-2009 No change, 2009-2013	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			7.1		6.3	5.9	6.0	7.1	5.1	5.7	4.1	Decreased, 1997-2013	No quadratic change	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			12.8		9.2	9.5	12.0	12.0	8.9	9.2	7.7	Decreased, 1997-2013	No quadratic change	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			32.1		24.9	25.6	26.7	32.1	25.6	25.7	19.1	Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	Decreased
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse														
			25.0		18.6	25.5	21.9	19.8	18.7	18.1	17.1	Decreased, 1997-2013	No quadratic change	No change

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Total Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			54.4		53.3	64.2	71.9	65.7	60.5	61.1	63.3	Increased, 1997-2013	Increased, 1997-2005 Decreased, 2005-2013	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			85.3		82.4	81.0	86.3	82.1	85.0	82.0	79.4	No linear change	No quadratic change	No change

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<b>Total</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					16.3	16.7	17.5	22.0	18.7	16.9	17.8	No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					12.2	15.5	16.2	16.3	13.8	13.3	13.6	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			30.0		31.4	36.1	36.0	34.5	33.1	31.1	36.0	No linear change	Increased, 1997-2003 No change, 2003-2013	Increased
QN67: Percentage of students who were trying to lose weight														
			46.1		49.7	53.0	54.4	53.1	51.4	50.4	53.3	Increased, 1997-2013	Increased, 1997-2003 No change, 2003-2013	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
					10.6	12.1	11.1	12.1	10.8	10.0	10.6	No linear change	No quadratic change	No change

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§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.

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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
					5.6	7.9	5.1	5.4	6.5	6.3	5.5	No linear change	No quadratic change	No change
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
			4.8		6.7	5.4	4.2	3.7	7.0	5.8	5.4	No linear change	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
					84.5	81.0	87.6	85.8	81.3	80.9	80.7	Decreased, 2001-2013	No quadratic change	No change
QN72: Percentage of students who ate fruit one or more times during the past seven days														
					88.0	87.7	89.6	92.9	90.1	90.0	90.6	No linear change	No quadratic change	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
					64.6	59.7	60.3	64.0	53.2	55.3	62.4	Decreased, 2001-2013	Decreased, 2001-2009 Increased, 2009-2013	Increased

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<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days												No linear change	No quadratic change	No change
					60.8	57.9	56.9	60.6	58.6	59.8	61.7			
QN75: Percentage of students who ate carrots one or more times during the past seven days												Increased, 2001-2013	No quadratic change	No change
					46.8	44.5	47.3	49.2	52.5	55.4	54.7			
QN76: Percentage of students who ate other vegetables one or more times during the past seven days												No linear change	No quadratic change	No change
					76.9	77.9	79.1	79.8	77.9	78.2	78.8			
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days												No linear change	Increased, 2001-2005 Decreased, 2005-2013	No change
					21.6	19.1	28.4	27.4	19.5	22.3	21.3			
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days												No linear change	No change, 2001-2005 Decreased, 2005-2013	Decreased
					35.2	32.2	41.0	40.0	34.8	37.2	32.0			

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

†Based on t-test analysis, p < 0.05.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Total</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
					4.2	5.7	3.8	3.2	5.2	4.8	4.6			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	Increased, 2001-2005 Decreased, 2005-2013	No change
					61.0	61.6	69.3	69.6	64.7	66.0	61.8			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												No linear change	No change, 2001-2005 Decreased, 2005-2013	Decreased
					25.1	23.3	30.5	29.6	23.9	25.9	21.8			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	No quadratic change	No change
					12.0	10.6	13.5	15.4	11.1	12.9	13.4			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												No linear change	No quadratic change	No change
					7.7	8.3	9.7	8.4	8.1	7.6	7.9			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Total</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
					54.7	46.9	52.7	55.5	51.5	53.2	56.7	Increased, 2001-2013	No quadratic change	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
					22.9	19.9	23.6	25.2	21.8	22.9	23.4	No linear change	No quadratic change	No change
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
					9.6	7.5	11.3	11.9	8.2	9.9	9.5	No linear change	No quadratic change	No change
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								27.9	21.7	21.3	16.5	Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								15.1	19.1	22.1	24.1	Increased, 2007-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Total</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>								
<b>Weight Management and Dietary Behaviors</b>																						
<b>Health Risk Behavior and Percentages</b>																						
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013											
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												18.7	14.3	13.3	10.2	Decreased, 2007-2013		Not available <sup>§</sup>	No change			
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												12.0	7.5	7.3	5.2	Decreased, 2007-2013		Not available	No change			
QN78: Percentage of students who drank three or more glasses per day of milk during the past seven days												12.4	11.9	16.0	11.9	9.4	9.0	9.4	Decreased, 2001-2013		No quadratic change	No change
QNMILK0: Percentage of students who drank 0 glasses per day of milk during the past seven days												17.0	15.1	13.7	15.1	16.8	19.8	17.4	Increased, 2001-2013		No quadratic change	No change
QNMILK1: Percentage of students who drank one or more glasses per day of milk during the past seven days												37.6	34.4	43.5	39.1	37.1	37.0	34.3	No linear change		No change, 2001-2007 Decreased, 2007-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Total Weight Management and Dietary Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNMILK2: Percentage of students who drank two or more glasses per day of milk during the past seven days														
					24.7	23.0	30.3	24.9	22.9	22.6	19.9	Decreased, 2001-2013	Increased, 2001-2005 Decreased, 2005-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Total Physical Activity</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												Increased, 2005-2013	Not available <sup>§</sup>	Increased
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2005-2013	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No change, 2001-2005 Decreased, 2005-2013	No change
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Total Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			61.8		66.6	66.5	62.6	63.2	60.9	63.4	61.0	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			51.4		55.1	51.0	50.6	50.5	42.1	33.8	33.9	Decreased, 1997-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
					50.4	47.9	50.8	50.9	52.7	47.7	49.2	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Total Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
						15.2	12.7	15.1	19.6	16.4	19.4	Increased, 2003-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Total Site-Added	Health Risk Behavior and Percentages										Linear Change*	Quadratic Change*	Change from 2011-2013 †			
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN87: Percentage of students who have ever been the victim of teasing or name calling during the past 12 months because someone thought they were gay, lesbian, or bisexual											9.4	9.7	No linear change	Not available <sup>§</sup>	No change	
QN89: Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days				8.6		9.1	8.8	8.2	10.9	6.9	9.3	8.4	No linear change	No quadratic change	No change	
QN90: Percentage of students who used marijuana on school property one or more times during the past 30 days				9.7		8.3	7.5	6.5	8.4	7.7	10.3	10.3	No linear change	Decreased, 1997-2005 Increased, 2005-2013	No change	
QN91: Percentage of students who used any form of cocaine, including powder, crack, or freebase, one or more times during the past 30 days				3.9		5.9	4.1	4.9	4.2	3.6	4.1	3.4	Decreased, 1997-2013	No quadratic change	No change	
QN92: Percentage of students who have taken over-the-counter drugs to get high one or more times during their life											7.7	9.7	6.7	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Total Site-Added	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				2013	
Q93: Percentage of students who have ever had oral sex											36.2	28.3	Decreased, 2011-2013	Not available <sup>§</sup>	Decreased	
Q94: Percentage of students who have ever had anal sex											14.0	9.8	Decreased, 2011-2013	Not available	Decreased	
Q95: Percentage of students who have had sexual contact with males and females during their life											4.2	5.1	4.5	No linear change	Not available	No change
Q96: Percentage of students who describe themselves as gay or lesbian or bisexual											7.4	8.7	7.1	No linear change	Not available	No change
Q99: Percentage of students who had ever been tested for HIV, the virus that causes AIDS											16.6	14.8	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Total Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN100: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma												No linear change	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet												No linear change	No quadratic change	No change
			89.6		83.4	91.9	87.4	87.6	90.3	87.3	86.4			
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else												Decreased, 1997-2013	No quadratic change	No change
			11.5		6.1	9.3	9.6	7.2	6.8	6.7	5.7			
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol												Decreased, 1997-2013	No quadratic change	Decreased
			38.0		28.7	32.5	27.5	30.4	27.8	25.1	19.9			
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	Decreased
			27.6		20.3	22.0	20.2	23.4	18.9	18.5	12.8			
QN14: Percentage of students who carried a gun on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			11.1		6.8	6.5	5.7	8.2	6.2	6.7	4.6			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Male Injury and Violence

Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
9.1			8.3	9.7	7.8	9.0	5.9	7.0	3.1					
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
10.1			11.9	9.5	12.6	11.0	9.0	7.7	5.0					
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
12.7			14.0	15.0	11.5	15.3	11.1	10.4	6.7					
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months												Decreased, 1997-2013	Decreased, 1997-2009 Decreased, 2009-2013	Decreased
46.6			43.2	41.0	41.8	42.7	38.1	36.3	25.3					
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse												Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
6.4			5.7	7.2	7.6	6.1	5.2	5.3	3.4					

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>	
<b>Health Risk Behavior and Percentages</b>															
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months															
			22.7		18.5	21.9	22.2	25.6	16.9	17.2	11.0		Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to															
				7.3	4.8	2.5	5.7	7.6	5.8	6.3			No linear change	No quadratic change	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months															
								15.1	14.0	11.7			No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months															
									9.5	6.8			No linear change	Not available	No change
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months															
				25.1	25.1	21.6	24.4	24.6	19.2	19.0			Decreased, 2001-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
			14.6		10.9	9.2	7.6	9.5	11.4	9.5	8.0	Decreased, 1997-2013	No quadratic change	No change
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months														
			12.8		10.7	10.4	6.8	9.4	11.8	10.4	7.9	No linear change	No quadratic change	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
			6.9		9.1	5.0	2.1	5.5	10.2	8.5	5.9	No linear change	No quadratic change	No change
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
			2.4		1.7	1.4	1.2	2.4	4.2	4.2	2.5	Increased, 1997-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Male Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 1997-2013	No quadratic change	No change
			72.0		61.0	58.2	52.0	47.9	45.5	39.9	34.7			
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years												Decreased, 1997-2013	No quadratic change	No change
			26.1		19.2	15.1	14.8	14.0	11.3	12.2	8.5			
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	Decreased
			27.5		15.2	16.9	13.2	13.4	11.9	11.0	6.8			
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			6.6		3.1	2.9	2.1	3.9	2.2	3.1	1.2			
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			9.9		3.7	4.3	2.8	5.3	3.5	3.0	1.1			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Male Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												Decreased, 2001-2013	No quadratic change	No change
				7.3	4.5	4.6	5.5	4.2	5.5	3.1				
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												No linear change	No quadratic change	No change
		2.9		4.7	3.1	1.7	4.9	4.8	4.6	2.5				
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												Decreased, 2001-2013	No quadratic change	Decreased
				14.9	14.0	12.9	12.1	11.4	11.8	7.1				
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 2001-2013	No quadratic change	No change
				19.6	19.4	15.4	17.6	13.9	13.0	9.2				

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

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



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
			77.5		73.7	73.8	68.6	70.6	65.5	63.8	56.8	Decreased, 1997-2013	No quadratic change	Decreased
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
			40.1		34.6	33.7	32.4	29.3	29.3	27.5	18.6	Decreased, 1997-2013	No quadratic change	Decreased
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			46.2		37.4	41.1	35.2	40.9	33.4	32.0	24.0	Decreased, 1997-2013	No quadratic change	Decreased
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			28.2		20.5	23.6	18.6	26.4	18.6	18.1	12.4	Decreased, 1997-2013	No quadratic change	Decreased
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								29.8	31.6	23.0	27.4	No linear change	Not available <sup>§</sup>	No change

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

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

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who used marijuana one or more times during their life														
			49.4		45.5	49.0	41.5	47.1	41.3	43.8	38.4	Decreased, 1997-2013	No quadratic change	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			15.5		15.6	15.1	13.6	12.5	13.1	15.1	9.6	Decreased, 1997-2013	No quadratic change	Decreased
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			27.7		26.2	27.9	18.9	25.3	22.5	24.8	20.0	Decreased, 1997-2013	No quadratic change	No change
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
			11.9		9.5	11.4	6.9	11.7	10.8	9.5	7.5	Decreased, 1997-2013	No quadratic change	No change
QN51: Percentage of students who 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														
			17.2		17.0	11.6	14.5	15.4	14.9	12.4	8.4	Decreased, 1997-2013	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN52: Percentage of students who used heroin one or more times during their life														
					1.7	2.9	2.2	4.2	5.8	6.7	4.0	Increased, 2001-2013	No quadratic change	No change
QN53: Percentage of students who used methamphetamines one or more times during their life														
					7.4	9.4	9.5	8.5	8.5	8.0	6.4	No linear change	No quadratic change	No change
QN54: Percentage of students who used ecstasy one or more times during their life														
						5.7	3.8	6.4	11.9	15.5	10.2	Increased, 2003-2013	Increased, 2003-2009 No change, 2009-2013	Decreased
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life														
			3.0		3.6	3.5	3.1	2.7	4.1	5.2	3.8	No linear change	No quadratic change	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										11.7	11.7	No linear change	Not available <sup>§</sup>	No change

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

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

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>														
<b>Alcohol and Other Drug Use</b>														
Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life														
			2.9		1.9	1.8	2.0	3.6	4.0	4.7	3.0	Increased, 1997-2013	No quadratic change	No change
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months														
			42.2		46.0	40.3	40.8	36.3	42.8	37.1	31.1	Decreased, 1997-2013	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male Sexual Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
			50.7		45.7	44.4	49.0	53.7	44.2	43.2	37.2	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			12.2		9.4	8.4	9.6	12.7	8.6	9.0	5.5	Decreased, 1997-2013	No quadratic change	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			19.2		13.1	13.7	17.2	20.2	14.0	12.8	10.5	Decreased, 1997-2013	No quadratic change	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			33.3		26.8	25.5	27.7	36.7	28.1	26.6	20.2	Decreased, 1997-2013	No quadratic change	No change
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse														
			32.3		23.4	35.5	28.5	23.8	23.9	22.0	15.6	Decreased, 1997-2013	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,  $p < 0.05$ .

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Male Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			59.6		61.2	73.0	75.7	76.2	66.6	64.0	64.4	No linear change	Increased, 1997-2005 Decreased, 2005-2013	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			87.5		81.6	82.2	86.8	82.8	82.9	79.9	78.1	Decreased, 1997-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					15.3	17.9	17.8	20.3	16.6	15.9	17.2	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					14.9	21.7	22.0	20.8	20.1	19.8	18.1	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
		24.5			21.3	30.1	32.1	27.5	29.3	28.3	31.3	Increased, 1997-2013	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
		32.5			34.9	41.7	45.3	40.0	41.5	40.4	42.1	Increased, 1997-2013	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
					6.5	7.3	6.2	11.5	9.6	7.7	8.0	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,  $p < 0.05$ .

§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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
					4.5	6.3	4.2	2.6	6.2	6.2	3.9	No linear change	No quadratic change	Decreased
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
			2.8		3.2	3.6	2.1	2.3	6.8	5.2	4.4	Increased, 1997-2013	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
					86.9	81.7	89.1	87.1	81.9	80.7	81.9	Decreased, 2001-2013	No quadratic change	No change
QN72: Percentage of students who ate fruit one or more times during the past seven days														
					87.2	88.3	88.0	91.8	88.3	88.9	88.7	No linear change	No quadratic change	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
					62.6	56.2	60.3	59.7	50.2	53.6	58.6	Decreased, 2001-2013	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,  $p < 0.05$ .



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days												No linear change	No quadratic change	No change
					61.9	60.6	58.7	60.6	61.7	63.3	61.0			
QN75: Percentage of students who ate carrots one or more times during the past seven days												Increased, 2001-2013	No quadratic change	No change
					44.6	47.9	48.6	47.8	52.5	56.3	54.5			
QN76: Percentage of students who ate other vegetables one or more times during the past seven days												No linear change	No quadratic change	No change
					74.7	79.9	79.2	79.4	76.9	80.9	76.8			
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days												No linear change	No change, 2001-2005 Decreased, 2005-2013	No change
					23.7	20.1	30.8	32.0	21.8	22.5	22.2			
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days												No linear change	No quadratic change	Decreased
					38.8	32.0	42.0	44.2	35.0	38.6	33.1			

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
					3.6	6.0	3.7	3.7	6.9	5.4	5.6			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change
					62.4	63.3	70.2	70.7	66.8	66.5	62.1			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												No linear change	No change, 2001-2005 Decreased, 2005-2013	No change
					26.1	23.5	32.6	33.6	25.2	26.7	22.5			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	No quadratic change	No change
					12.6	11.8	14.1	18.6	12.5	13.4	14.0			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												No linear change	No quadratic change	No change
					8.5	7.3	9.2	10.4	10.1	8.1	9.0			

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

†Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
					54.5	48.6	53.6	56.7	52.4	55.9	56.9	Increased, 2001-2013	No quadratic change	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
					24.2	21.6	25.4	27.0	23.9	24.1	24.6	No linear change	No quadratic change	No change
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
					10.2	7.4	11.6	14.2	9.3	9.7	9.7	No linear change	No quadratic change	No change
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								31.9	22.8	24.8	18.0	Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								13.3	17.0	18.9	23.9	Increased, 2007-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Male</b>																					
<b>Weight Management and Dietary Behaviors</b>																					
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>							
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013										
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												23.2	15.1	14.8	11.5	Decreased, 2007-2013	Not available <sup>§</sup>	No change			
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												15.6	8.4	8.9	6.2	Decreased, 2007-2013	Not available	No change			
QN78: Percentage of students who drank three or more glasses per day of milk during the past seven days												18.2	15.8	22.9	17.4	12.0	11.5	12.9	Decreased, 2001-2013	No quadratic change	No change
QNMILK0: Percentage of students who drank 0 glasses per day of milk during the past seven days												13.5	9.4	7.7	13.5	12.8	15.2	13.7	Increased, 2001-2013	No quadratic change	No change
QNMILK1: Percentage of students who drank one or more glasses per day of milk during the past seven days												44.4	42.0	54.6	47.2	44.2	43.8	40.8	No linear change	Increased, 2001-2005 Decreased, 2005-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNMILK2: Percentage of students who drank two or more glasses per day of milk during the past seven days														
					30.7	29.8	40.5	32.2	28.3	28.5	24.7	Decreased, 2001-2013	Increased, 2001-2005 Decreased, 2005-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Male Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days														
						40.4	49.4	46.8	46.5	49.9		No linear change	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days														
						18.1	12.6	12.9	13.9	12.3		No linear change	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days														
						22.4	32.0	27.1	26.0	28.8		No linear change	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
					44.5	53.4	52.0	46.3	40.4	34.9	33.3	Decreased, 2001-2013	No change, 2001-2005 Decreased, 2005-2013	No change
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day														
						33.3	28.1	35.6	36.0			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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Male Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school												No linear change	No quadratic change	No change
			64.5		69.6	68.7	65.0	63.7	63.4	63.2	62.4			
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												Decreased, 1997-2013	No quadratic change	No change
			51.8		54.5	51.3	54.8	52.3	43.1	32.5	34.3			
QN84: Percentage of students who played on one or more sports teams during the past 12 months												No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change
					53.4	54.8	59.6	60.8	61.8	53.3	54.4			

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Male Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
						16.0	12.7	16.6	21.0	18.0	19.8	Increased, 2003-2013	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Male Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN87: Percentage of students who have ever been the victim of teasing or name calling during the past 12 months because someone thought they were gay, lesbian, or bisexual												No linear change	Not available <sup>§</sup>	No change
			9.1		9.1	9.9	7.8	12.4	7.6	9.4	8.7	No linear change	No quadratic change	No change
QN89: Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days												No linear change	Decreased, 1997-2005 No change, 2005-2013	No change
		13.1		10.2	10.2	7.0	11.6	9.8	12.3	10.7	No linear change	Decreased, 1997-2005 No change, 2005-2013	No change	
QN91: Percentage of students who used any form of cocaine, including powder, crack, or freebase, one or more times during the past 30 days												No linear change	No quadratic change	No change
		4.8		5.8	4.5	3.5	4.0	4.3	4.9	4.3	No linear change	No quadratic change	No change	
QN92: Percentage of students who have taken over-the-counter drugs to get high one or more times during their life												No linear change	Not available	No change
								8.3	10.3	8.1	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Male Site-Added	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				2013
QN93: Percentage of students who have ever had oral sex													Decreased, 2011-2013	Not available <sup>§</sup>	Decreased
QN94: Percentage of students who have ever had anal sex													Decreased, 2011-2013	Not available	No change
QN95: Percentage of students who have had sexual contact with males and females during their life													No linear change	Not available	No change
QN96: Percentage of students who describe themselves as gay or lesbian or bisexual													No linear change	Not available	No change
QN99: Percentage of students who had ever been tested for HIV, the virus that causes AIDS													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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Male Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN100: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma														
								7.6	6.3	6.0	6.1	No linear change	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**Los Angeles High School Survey  
Trend Analysis Report**

<b>Female Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
			90.8		74.5	81.7	81.3	79.3	85.7	86.9	87.9	No linear change	Decreased, 1997-2003 No change, 2003-2013	No change
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
			7.1		7.4	5.4	5.3	4.3	6.5	4.6	4.9	No linear change	No quadratic change	No change
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
			35.3		29.6	30.4	34.4	29.6	27.2	23.0	24.2	Decreased, 1997-2013	No quadratic change	No change
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days														
			7.8		4.6	6.0	7.6	5.2	5.0	5.7	4.9	Decreased, 1997-2013	No quadratic change	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
			1.4		1.6	0.9	0.5	0.9	0.7	1.6	0.8	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Female Injury and Violence

Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
			2.9		2.5	4.2	3.6	3.1	1.2	1.9	1.2	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			11.0		16.8	9.0	12.6	11.9	7.1	7.8	7.2	Decreased, 1997-2013	No quadratic change	No change
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
			4.9		6.5	5.2	5.4	5.2	5.4	4.5	4.5	No linear change	No quadratic change	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			28.2		26.6	34.0	31.3	29.5	23.6	21.1	18.4	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse														
			3.5		2.9	2.8	2.9	6.3	2.3	2.7	2.0	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,  $p < 0.05$ .

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Female Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
			10.5		9.1	12.6	10.3	11.8	8.7	7.6	6.6	Decreased, 1997-2013	No quadratic change	No change
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
				8.7	6.2	7.6	5.6	8.1	9.5	10.2		No linear change	No quadratic change	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
								14.9	16.7	16.8		No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									16.0	9.9		Decreased, 2011-2013	Not available	Decreased
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
				45.4	44.2	43.6	39.0	35.9	36.5	38.4		Decreased, 2001-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												Decreased, 1997-2013	No quadratic change	No change
	30.8			22.5	22.9	25.5	17.4	13.7	19.3	18.5				
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months												Decreased, 1997-2013	No quadratic change	No change
	22.2			17.2	18.9	19.3	13.7	9.6	16.9	16.5				
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												Decreased, 1997-2013	No quadratic change	No change
	17.6			15.2	17.5	17.4	10.7	7.4	12.8	11.0				
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse												Decreased, 1997-2013	No quadratic change	No change
	5.6			5.4	4.5	4.0	2.3	2.3	4.0	3.5				

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

†Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Female Tobacco Use														
Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			68.0		58.7	51.1	45.9	41.9	37.2	38.3	32.2	Decreased, 1997-2013	No quadratic change	Decreased
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
			18.6		16.9	11.5	8.0	9.1	7.2	5.7	4.6	Decreased, 1997-2013	No quadratic change	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			25.5		13.6	12.0	10.5	12.0	10.0	6.8	6.7	Decreased, 1997-2013	No quadratic change	No change
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			6.3		2.4	1.8	0.5	1.6	1.1	0.9	0.3	Decreased, 1997-2013	No quadratic change	No change
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days														
			7.9		4.2	2.6	2.4	2.8	2.5	1.7	1.7	Decreased, 1997-2013	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,  $p < 0.05$ .



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Female Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												No linear change	No quadratic change	No change
					6.2	5.9	2.5	4.0	2.9	4.7	3.5			
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												No linear change	No quadratic change	No change
			1.7		1.3	2.4	1.4	1.7	1.6	2.2	1.5			
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												Decreased, 2001-2013	No quadratic change	No change
					7.3	7.5	6.1	7.3	6.4	4.5	4.5			
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 2001-2013	No quadratic change	No change
					14.1	13.5	11.6	12.8	10.9	7.6	7.4			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
			78.7		79.2	78.3	76.5	71.5	71.0	66.3	63.3	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
			31.2		30.3	24.6	27.3	19.4	21.4	22.8	17.6	Decreased, 1997-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			46.9		42.0	44.1	41.9	41.9	37.1	33.8	31.5	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			24.6		23.0	20.0	20.6	23.0	18.5	17.5	14.1	Decreased, 1997-2013	No quadratic change	No change
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								53.9	47.9	44.3	38.8	Decreased, 2007-2013	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who used marijuana one or more times during their life														
			42.6		36.8	36.2	37.9	34.3	33.7	40.5	40.4	No linear change	Decreased, 1997-2007 No change, 2007-2013	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			8.9		7.7	7.4	8.2	6.7	5.8	8.8	9.0	No linear change	No quadratic change	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			23.3		18.6	16.6	17.4	17.4	16.0	19.8	20.7	No linear change	Decreased, 1997-2009 No change, 2009-2013	No change
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
			12.4		10.4	8.5	13.2	11.0	8.5	8.3	5.4	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN51: Percentage of students who 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														
			18.0		17.5	15.4	21.5	19.4	18.9	16.8	12.7	No linear change	No change, 1997-2009 Decreased, 2009-2013	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN52: Percentage of students who used heroin one or more times during their life												No linear change	No quadratic change	No change
					1.8	1.5	1.3	1.7	1.6	1.3	1.8			
QN53: Percentage of students who used methamphetamines one or more times during their life												Decreased, 2001-2013	No change, 2001-2007 Decreased, 2007-2013	No change
					7.7	6.7	10.9	9.4	5.5	5.2	3.8			
QN54: Percentage of students who used ecstasy one or more times during their life												Increased, 2003-2013	No quadratic change	Decreased
						3.8	3.2	6.1	10.0	16.7	11.5			
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life												Decreased, 1997-2013	No quadratic change	No change
			3.8		4.9	3.2	3.9	1.9	2.7	1.8	2.5			
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life												No linear change	Not available <sup>§</sup>	No change
										11.9	9.4			

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life												No linear change	No quadratic change	No change
			1.6		1.0	1.0	0.9	1.6	2.3	1.7	0.8			
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months												No linear change	No quadratic change	Decreased
			30.8		33.7	34.6	35.0	31.4	36.0	41.4	27.8			

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

†Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female Sexual Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
			41.1		34.2	33.4	35.2	39.0	32.6	34.2	28.0	Decreased, 1997-2013	No quadratic change	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			2.9		3.2	3.5	2.3	1.6	1.7	2.2	2.7	No linear change	No quadratic change	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			7.4		5.5	5.4	6.9	3.9	4.1	5.3	4.7	Decreased, 1997-2013	No quadratic change	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			31.2		22.7	25.6	25.6	27.2	23.2	24.5	18.0	Decreased, 1997-2013	No quadratic change	Decreased
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse														
			18.4		12.2	16.0	14.8	14.6	12.7	13.1	18.9	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,  $p < 0.05$ .

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Female Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			49.6		44.0	56.2	67.8	51.7	53.8	57.7	62.4	Increased, 1997-2013	No quadratic change	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			83.4		83.5	80.0	86.1	81.1	87.5	84.2	80.8	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				17.3	15.5	17.2	23.8	21.1	18.0	18.5		No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				9.3	9.2	10.2	11.5	6.9	6.3	8.6		No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
		34.9		41.9	42.0	40.0	42.4	37.2	33.8	40.9		No linear change	Increased, 1997-2003 Decreased, 2003-2013	Increased
QN67: Percentage of students who were trying to lose weight														
		58.0		64.9	64.2	63.8	67.4	61.9	61.3	65.1		No linear change	Increased, 1997-2007 No change, 2007-2013	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
				14.8	16.9	16.0	12.9	12.1	12.4	13.5		No linear change	No quadratic change	No change

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

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

§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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
					6.6	9.4	5.9	8.5	6.8	6.1	7.2	No linear change	No quadratic change	No change
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
			6.5		10.2	7.1	6.5	5.1	7.2	6.4	6.4	No linear change	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
					82.1	80.3	86.1	84.3	80.8	80.9	79.3	No linear change	Increased, 2001-2005 Decreased, 2005-2013	No change
QN72: Percentage of students who ate fruit one or more times during the past seven days														
					88.9	87.0	91.4	94.2	92.0	91.1	92.7	Increased, 2001-2013	No quadratic change	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
					66.7	63.1	60.2	68.7	56.5	57.2	66.4	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days												No linear change	No quadratic change	Increased
					59.9	55.3	54.9	61.0	55.3	56.0	62.1			
QN75: Percentage of students who ate carrots one or more times during the past seven days												Increased, 2001-2013	No quadratic change	No change
					49.2	41.0	46.0	51.0	52.6	54.3	54.9			
QN76: Percentage of students who ate other vegetables one or more times during the past seven days												No linear change	No quadratic change	No change
					79.4	76.2	79.1	80.5	79.1	75.3	80.8			
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days												No linear change	No quadratic change	No change
					19.6	18.1	25.3	22.9	17.2	21.5	20.4			
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days												No linear change	No change, 2001-2005 Decreased, 2005-2013	No change
					31.7	32.4	39.5	35.8	34.8	35.4	30.8			

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

†Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
					4.8	5.4	3.6	2.8	3.3	4.3	3.5			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	Increased, 2001-2005 Decreased, 2005-2013	No change
					59.6	59.9	68.2	68.5	62.7	65.1	61.7			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												No linear change	No quadratic change	No change
					24.2	23.2	27.9	25.7	22.7	24.9	21.2			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	No quadratic change	No change
					11.4	9.3	12.8	12.3	9.6	12.0	12.7			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												No linear change	No quadratic change	No change
					6.6	9.1	10.1	6.1	6.0	7.1	6.8			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Female</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days												No linear change	No quadratic change	No change
					55.2	45.3	51.5	54.5	50.7	49.8	56.5			
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days												No linear change	No quadratic change	No change
					21.4	18.2	21.4	23.4	19.5	21.4	22.0			
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days												No linear change	No quadratic change	No change
					9.0	7.5	10.9	9.7	7.1	10.0	9.2			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>§</sup>	No change
								23.7	20.8	17.3	14.8			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												Increased, 2007-2013	Not available	No change
								17.1	21.2	25.7	24.2			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Female														
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>§</sup>	No change
						13.9	13.5	11.7	8.7					
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												Decreased, 2007-2013	Not available	No change
						8.1	6.6	5.5	4.1					
QN78: Percentage of students who drank three or more glasses per day of milk during the past seven days												No linear change	No quadratic change	No change
				6.3	8.2	9.1	6.0	6.7	6.2	5.7				
QNMILK0: Percentage of students who drank 0 glasses per day of milk during the past seven days												No linear change	No quadratic change	No change
				20.7	20.9	19.3	16.6	20.8	24.7	21.3				
QNMILK1: Percentage of students who drank one or more glasses per day of milk during the past seven days												No linear change	No quadratic change	No change
				30.2	27.0	32.3	30.9	29.7	29.9	27.5				

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNMILK2: Percentage of students who drank two or more glasses per day of milk during the past seven days														
					18.3	16.2	20.1	17.4	17.3	16.3	14.8	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Female Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												Increased, 2005-2013	Not available <sup>§</sup>	Increased
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2005-2013	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Female Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			59.3		63.8	64.4	60.6	62.8	58.4	63.6	59.4	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			50.9		56.1	50.7	46.9	48.6	41.1	35.5	33.2	Decreased, 1997-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
					47.4	41.3	42.4	40.6	43.1	41.8	43.8	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Female Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
						14.4	12.5	13.6	17.7	14.3	18.6	Increased, 2003-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

Female Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †		
Health Risk Behavior and Percentages																
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013					
QN87: Percentage of students who have ever been the victim of teasing or name calling during the past 12 months because someone thought they were gay, lesbian, or bisexual												No linear change	Not available <sup>§</sup>	No change		
			8.3		9.2	7.6	8.6	8.9	6.1	8.9	8.0	No linear change	No quadratic change	No change		
QN89: Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days												No linear change	No change, 1997-2007 Increased, 2007-2013	No change		
		6.7		6.4	4.7	5.9	5.2	5.5	7.8	9.7	No linear change	No change, 1997-2005 Decreased, 2005-2013	No change			
QN91: Percentage of students who used any form of cocaine, including powder, crack, or freebase, one or more times during the past 30 days												Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change		
		3.0		6.2	3.7	6.3	4.5	3.0	2.6	2.3	6.7	8.5	5.1	No linear change	Not available	Decreased
QN92: Percentage of students who have taken over-the-counter drugs to get high one or more times during their life												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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Female Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN93: Percentage of students who have ever had oral sex												Decreased, 2011-2013	Not available <sup>§</sup>	Decreased
										29.6	22.5			
QN94: Percentage of students who have ever had anal sex												Decreased, 2011-2013	Not available	Decreased
										9.9	6.6			
QN95: Percentage of students who have had sexual contact with males and females during their life												No linear change	Not available	No change
										5.8	6.5	7.5		
QN96: Percentage of students who describe themselves as gay or lesbian or bisexual												No linear change	Not available	No change
										9.6	12.3	10.0		
QN99: Percentage of students who had ever been tested for HIV, the virus that causes AIDS												No linear change	Not available	No change
										16.5	14.5			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Female Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN100: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma														
								6.4	7.3	6.8	7.3	No linear change	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

White*														
Injury and Violence														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days														
						11.6	6.4	17.7	10.7	9.5		No linear change	Not available <sup>¶</sup>	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
						1.7	3.1	4.6	3.3	1.9		No linear change	Not available	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
						4.1	2.5	5.4	2.1	2.7		No linear change	Not available	No change

\*Non-Hispanic.

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

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Hispanic/Latino Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet											Increased, 1997-2013	No change, 1997-2003 No change, 2003-2013	No change	
			91.6		82.1	88.9	88.2	87.8	91.1	90.5	91.3			
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else											Decreased, 1997-2013	No quadratic change	No change	
			9.4		7.8	7.7	8.8	6.5	6.7	5.9	5.5			
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol											Decreased, 1997-2013	No quadratic change	No change	
			39.8		30.8	34.3	34.2	33.6	29.9	25.1	24.2			
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days											Decreased, 1997-2013	No quadratic change	Decreased	
			17.2		13.7	14.9	15.1	16.2	13.1	12.0	9.2			
QN14: Percentage of students who carried a gun on one or more of the past 30 days											Decreased, 1997-2013	No quadratic change	No change	
			6.3		4.2	3.7	3.6	4.7	3.8	3.9	3.0			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Hispanic/Latino Injury and Violence

Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
			6.1		6.5	7.1	5.7	6.8	3.9	4.1	2.4	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			10.5		14.5	10.0	14.4	13.0	8.9	7.3	6.8	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
			7.8		10.5	11.1	8.2	10.4	9.0	6.7	6.5	Decreased, 1997-2013	Increased, 1997-2003 Decreased, 2003-2013	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			37.8		36.8	37.8	36.3	39.0	33.0	27.8	22.3	Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	Decreased
QN19: Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse														
			4.9		4.7	5.8	5.9	6.6	4.1	3.1	3.0	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Hispanic/Latino Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
			16.5		14.6	17.1	17.1	18.8	13.3	12.0	9.1	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
				7.6	5.2	4.5	4.1	8.3	7.9	8.7		Increased, 2001-2013	No change, 2001-2005 Increased, 2005-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
								15.5	14.0	14.2		No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									11.9	8.0		No linear change	Not available	Decreased
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
				38.9	34.5	34.2	32.4	30.8	28.9	29.8		Decreased, 2001-2013	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino  
Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
			22.9		18.4	16.1	17.0	12.2	12.7	13.9	13.5	Decreased, 1997-2013	Decreased, 1997-2009 No change, 2009-2013	No change
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months														
			17.3		15.5	14.7	13.8	10.2	11.3	13.5	10.6	Decreased, 1997-2013	No quadratic change	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
			13.2		14.4	13.2	10.7	7.8	10.0	10.2	8.4	Decreased, 1997-2013	No quadratic change	No change
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
			4.5		3.9	3.5	2.6	2.0	3.6	3.9	3.5	No linear change	No quadratic change	No change

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

†Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Hispanic/Latino Tobacco Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			73.4		62.4	57.2	53.3	46.9	45.0	41.9	35.6	Decreased, 1997-2013	No quadratic change	No change
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
			22.9		19.4	13.5	12.9	14.0	10.6	9.1	6.3	Decreased, 1997-2013	No quadratic change	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			26.7		15.0	14.8	13.5	12.9	11.7	9.5	7.0	Decreased, 1997-2013	No quadratic change	No change
QN34: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			4.0		1.8	1.3	1.0	2.5	1.7	1.7	0.6	Decreased, 1997-2013	No quadratic change	No change
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days														
			8.5		3.8	3.2	2.8	4.1	3.2	2.2	1.2	Decreased, 1997-2013	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,  $p < 0.05$ .

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino  
Tobacco Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					6.0	4.0	3.5	3.6	3.7	5.2	2.9	No linear change	No quadratic change	Decreased
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
			2.1		2.6	3.1	1.7	2.8	3.6	3.3	2.3	No linear change	No quadratic change	No change
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
					12.3	10.8	10.9	10.0	9.5	8.2	6.2	Decreased, 2001-2013	No quadratic change	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					17.2	16.3	15.0	14.4	13.1	10.5	8.7	Decreased, 2001-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Hispanic/Latino Alcohol and Other Drug Use</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN41: Percentage of students who had at least one drink of alcohol on one or more days during their life														
			80.9		78.6	77.3	75.5	74.0	70.7	67.4	63.4	Decreased, 1997-2013	Decreased, 1997-2007 Decreased, 2007-2013	No change
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
			36.9		34.0	29.7	31.2	28.7	28.4	27.5	18.9	Decreased, 1997-2013	No quadratic change	Decreased
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			48.1		40.3	44.9	41.8	45.9	37.8	34.7	29.4	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			29.6		22.6	23.6	22.2	27.2	20.4	19.6	14.7	Decreased, 1997-2013	No quadratic change	Decreased
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								44.0	41.6	33.3	33.5	Decreased, 2007-2013	Not available <sup>§</sup>	No change

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

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

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Hispanic/Latino Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who used marijuana one or more times during their life												No linear change	No quadratic change	No change
			44.9		39.4	43.7	42.8	41.3	39.9	43.8	42.2			
QN48: Percentage of students who tried marijuana for the first time before age 13 years												No linear change	No quadratic change	No change
			12.5		10.5	11.5	12.4	10.3	10.1	12.3	9.9			
QN49: Percentage of students who used marijuana one or more times during the past 30 days												No linear change	No quadratic change	No change
			24.1		21.6	22.4	18.9	21.9	20.4	22.9	21.0			
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	Decreased
			15.5		11.0	12.8	12.1	13.6	11.0	10.0	7.1			
QN51: Percentage of students who 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												Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	Decreased
			18.8		18.2	16.4	20.6	18.9	18.4	16.6	11.1			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Hispanic/Latino Alcohol and Other Drug Use</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN52: Percentage of students who used heroin one or more times during their life														
					1.6	2.7	1.7	3.4	4.3	3.5	2.9	Increased, 2001-2013	No quadratic change	No change
QN53: Percentage of students who used methamphetamines one or more times during their life														
					7.4	9.8	12.2	10.8	8.2	7.1	5.4	Decreased, 2001-2013	Increased, 2001-2005 Decreased, 2005-2013	No change
QN54: Percentage of students who used ecstasy one or more times during their life														
						3.6	3.6	6.8	11.4	17.9	11.7	Increased, 2003-2013	Increased, 2003-2009 No change, 2009-2013	Decreased
QN55: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life														
			3.9		4.9	3.9	4.1	2.0	3.7	3.4	3.2	No linear change	No quadratic change	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										12.1	10.5	No linear change	Not available <sup>§</sup>	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino  
Alcohol and Other Drug Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life														
			2.3		1.1	1.3	1.3	2.7	3.7	2.9	2.2	Increased, 1997-2013	No quadratic change	No change
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months														
			39.1		41.0	40.8	42.3	37.3	41.1	41.4	29.2	Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Hispanic/Latino Sexual Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
			47.0		39.9	39.4	41.8	47.8	42.1	39.7	34.6	Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			7.3		6.5	5.8	6.0	7.0	5.6	5.3	3.6	Decreased, 1997-2013	No quadratic change	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			11.9		8.7	10.3	10.0	10.8	9.5	7.6	6.8	Decreased, 1997-2013	No quadratic change	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			32.8		24.5	26.4	25.4	32.6	28.7	26.1	20.6	Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	No change
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse														
			25.1		17.9	22.6	22.2	19.6	18.8	14.4	14.0	Decreased, 1997-2013	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,  $p < 0.05$ .



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			51.0		55.6	62.9	70.9	65.6	59.7	57.9	65.3	Increased, 1997-2013	Increased, 1997-2005 No change, 2005-2013	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			83.1		79.0	79.2	85.2	81.5	84.2	81.7	79.3	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Hispanic/Latino

#### Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					17.6	17.9	17.7	21.7	19.6	16.4	19.6	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					13.1	16.7	17.4	18.7	15.5	15.3	15.2	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			31.5		33.1	36.7	37.9	35.9	34.4	33.6	38.5	No linear change	No quadratic change	Increased
QN67: Percentage of students who were trying to lose weight														
			49.4		51.5	54.3	57.3	56.6	53.3	54.8	57.0	Increased, 1997-2013	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
					11.9	13.1	11.3	11.0	11.9	11.3	11.6	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,  $p < 0.05$ .

§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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days											No linear change	No quadratic change	No change	
					6.1	8.9	4.5	5.6	6.7	6.5	5.8			
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days											No linear change	No quadratic change	No change	
			5.0		7.8	6.3	4.2	2.9	7.6	5.5	5.5			
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days											Decreased, 2001-2013	No quadratic change	No change	
					84.6	81.6	87.9	87.1	80.4	82.9	81.4			
QN72: Percentage of students who ate fruit one or more times during the past seven days											No linear change	No quadratic change	No change	
					88.8	88.4	90.6	92.5	90.0	91.6	91.3			
QN73: Percentage of students who ate green salad one or more times during the past seven days											Decreased, 2001-2013	No quadratic change	Increased	
					62.9	58.1	59.4	62.7	51.0	52.3	60.3			

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

†Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Hispanic/Latino

#### Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days											No linear change	No quadratic change	No change	
					60.0	55.0	56.5	60.8	57.3	58.9	60.8			
QN75: Percentage of students who ate carrots one or more times during the past seven days											Increased, 2001-2013	No quadratic change	No change	
					45.9	49.0	46.8	52.3	53.0	56.0	52.6			
QN76: Percentage of students who ate other vegetables one or more times during the past seven days											No linear change	No quadratic change	No change	
					74.3	75.9	77.4	79.1	76.0	77.9	77.1			
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days											No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change	
					20.3	18.0	28.0	31.2	20.0	21.5	20.3			
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days											No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change	
					34.6	32.4	41.3	43.4	35.7	36.5	32.2			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

#### Hispanic/Latino

#### Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days											No linear change	No quadratic change	No change	
					3.7	6.2	3.4	3.5	5.9	3.9	4.3			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days											No linear change	Increased, 2001-2005 Decreased, 2005-2013	No change	
					60.9	62.0	70.3	69.0	63.5	66.3	61.5			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days											No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change	
					24.6	22.7	31.2	33.4	25.7	25.3	21.8			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days											No linear change	No quadratic change	No change	
					11.7	10.5	12.9	16.1	11.0	11.6	11.9			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days											No linear change	No quadratic change	No change	
					8.4	8.8	10.8	8.2	8.7	7.8	9.6			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Hispanic/Latino</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days												No linear change	No quadratic change	No change
					50.7	45.5	50.8	54.2	48.1	49.9	53.5			
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days												No linear change	No quadratic change	No change
					20.0	18.7	22.5	25.8	21.2	20.0	21.3			
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days												No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change
					9.3	7.2	11.1	13.0	8.8	9.0	8.4			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>§</sup>	No change
								31.6	24.1	21.2	18.2			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												Increased, 2007-2013	Not available	No change
								13.5	17.5	20.7	22.3			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days											Decreased, 2007-2013	Not available <sup>§</sup>	No change	
							21.8	15.5	12.3	10.7				
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days											Decreased, 2007-2013	Not available	No change	
							13.8	8.4	6.3	5.0				
QN78: Percentage of students who drank three or more glasses per day of milk during the past seven days											Decreased, 2001-2013	Increased, 2001-2005 Decreased, 2005-2013	No change	
					11.5	12.7	17.3	13.8	9.9	9.4	9.7			
QNMILK0: Percentage of students who drank 0 glasses per day of milk during the past seven days											No linear change	No quadratic change	No change	
					13.8	12.7	10.1	12.6	14.9	16.2	14.6			
QNMILK1: Percentage of students who drank one or more glasses per day of milk during the past seven days											No linear change	Increased, 2001-2007 Decreased, 2007-2013	No change	
					39.8	37.6	46.4	43.2	38.9	40.4	36.6			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNMILK2: Percentage of students who drank two or more glasses per day of milk during the past seven days														
					25.8	24.6	32.8	27.6	24.7	24.7	21.2	Decreased, 2001-2013	Increased, 2001-2005 Decreased, 2005-2013	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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Los Angeles High School Survey Trend Analysis Report

<b>Hispanic/Latino Physical Activity</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												Increased, 2005-2013	Not available <sup>§</sup>	Increased
						29.6	40.8	37.6	37.9	43.2				
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2005-2013	Not available	No change
						27.5	14.6	18.5	17.3	15.4				
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												Increased, 2005-2013	Not available	No change
						14.8	23.3	19.7	20.4	23.1				
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No change, 2001-2005 Decreased, 2005-2013	No change
						47.5	50.9	49.7	46.2	39.9	38.8	35.4		
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	Not available	No change
							30.4	26.3	33.0	36.0				

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino  
Physical Activity

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			62.0		67.3	68.0	61.6	65.8	58.2	64.7	60.3	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			54.9		55.7	53.9	50.7	52.1	39.8	32.8	32.4	Decreased, 1997-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
					47.1	47.2	50.6	51.3	52.6	45.5	48.4	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma						13.1	9.1	12.8	17.7	15.4	18.8	Increased, 2003-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †	
Health Risk Behavior and Percentages															
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN87: Percentage of students who have ever been the victim of teasing or name calling during the past 12 months because someone thought they were gay, lesbian, or bisexual															
										8.3	9.5	No linear change	Not available <sup>§</sup>	No change	
QN89: Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days															
			9.4		9.4	9.4	9.0	13.2	8.0	10.1	9.5	No linear change	No quadratic change	No change	
QN90: Percentage of students who used marijuana on school property one or more times during the past 30 days															
			11.4		8.9	9.0	7.2	8.5	8.4	10.6	11.2	No linear change	Decreased, 1997-2005 Increased, 2005-2013	No change	
QN91: Percentage of students who used any form of cocaine, including powder, crack, or freebase, one or more times during the past 30 days															
			4.8		6.2	5.1	5.8	5.0	4.2	3.6	3.5	Decreased, 1997-2013	No quadratic change	No change	
QN92: Percentage of students who have taken over-the-counter drugs to get high one or more times during their life															
										7.7	9.6	7.0	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN93: Percentage of students who have ever had oral sex														
										34.7	27.5	Decreased, 2011-2013	Not available <sup>§</sup>	Decreased
QN94: Percentage of students who have ever had anal sex														
										14.6	10.4	Decreased, 2011-2013	Not available	Decreased
QN95: Percentage of students who have had sexual contact with males and females during their life														
									4.5	4.6	4.2	No linear change	Not available	No change
QN96: Percentage of students who describe themselves as gay or lesbian or bisexual														
									8.3	8.4	6.8	No linear change	Not available	No change
QN99: Percentage of students who had ever been tested for HIV, the virus that causes AIDS														
										16.9	16.0	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Los Angeles High School Survey  
Trend Analysis Report

Hispanic/Latino  
Site-Added

Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN100: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma														
								4.5	5.4	5.2	6.1	No linear change	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.