# New York City High School Survey

**Trend Analysis Report** 

Total Injury	y and V	iolence			Heal	th Risk	Behav	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
						go to sc before t 10.7	the surv		ey felt 1 9.1	unsafe a 8.4	at school			-		Na linear shares	Decreed 1007 2015	No sheres
			7.0	9.5	10.0	10.7	9.1	7.5	9.1	0.4	8.5	6.0	8.6	10.4	13.0	No linear change	Decreased, 1997-2015 Increased, 2015-2021	No change
						reatened onths be				pon on s	school p	oroperty	(such a	s a gun,	, knife,			
			7.5	10.5	9.5	8.9	8.1	6.8	7.2	6.7	7.1	6.3	7.7	8.3	5.9	Decreased, 1997-2021	No quadratic change	Decreased

# New York City High School Survey

Total Injury	and V	iolence																
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN16: survey		ntage of	studen	ts who	were in	a physic	cal fight	(one of	more t	imes dı	ring the	e 12 mo	nths bef	ore the				
			34.6	39.3	40.5	37.6	35.8	33.5	31.5	28.6	26.1	22.4	24.4	22.5	17.0	Decreased, 1997-2021	Increased, 1997-2001 Decreased, 2001-2021	Decreased
such th	ings as	kissing	, touchi	ing, or b		ysically	forced					to do se at they c						
														10.0	8.0	No linear change	Not available <sup>§</sup>	Decreased
going o interco	out with urse] th	to do s at they	exual th did not	hings [c want to	ounting do, one	such the or more	ings as	kissing, during	touchi the 12	ng, or b months	eing ph	someone ysically the surve	forced	to have	sexual			
											10.8	11.4	15.4	6.3	8.5	Decreased, 2013-2021	Not available	No change

# New York City High School Survey

Trend Analysis Report

Total Injury	and V	iolence																
					Heal	th Risk	Behavi	or and l	Perce	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
someo with a	ne they n object	were d	ating or pon] or	going o e or mo	out with	[counti s during	ng such	things a months l	s bein	ng hit, s	physical lammed rvey, am	into sor	nething	, or inju				
											10.5	12.0	10.0	11.3	7.7	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
QN23	Perce	ntage of	fstuden	ts who	were bu	llied on	school	property	(ever	during	the 12 1	nonths l	before t	he surve	ey)			
									11.2	11.7	13.9	14.8	15.5	17.1	10.7	Increased, 2009-2021	Increased, 2009-2017 Decreased, 2017-2021	Decreased
								ied (cou before t			oullied th	rough t	exting,	Instagra	ım,			
										11.0	10.8	12.1	13.3	14.3	13.4	Increased, 2011-2021	No quadratic change	No change

# New York City High School Survey

**Trend Analysis Report** 

Total Injury	and V	iolence																
					Heal	th Risk	Behavi	ior and	Percer	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
						or hope 12 mon				for >=2	2 weeks	in a rov	v so tha	t they st	opped			
				33.1	32.5	32.2	32.3	30.2	28.3	26.9	27.4	29.4	31.6	35.9	38.2	No linear change	Decreased, 1999-2013 Increased, 2013-2021	No change
QN26	Percer	ntage of	fstuden	ts who s	seriousl	y consid	lered at	temptin	g suicid	le (durir	ng the 1	2 month	ns before	e the su	rvey)			
			16.8	15.6	15.0	13.6	15.3	11.8	13.6	11.6	13.3	13.7	16.2	15.6	15.6	No linear change	Decreased, 1997-2011 Increased, 2011-2021	No change
QN28 survey		ntage of	fstuden	ts who a	actually	attempt	ted suic	ide (one	e or moi	re times	during	the 12 r	nonths	before t	he			
			7.8	6.5	7.8	8.4	9.6	7.5	9.9	8.4	8.1	8.3	11.0	9.2	9.2	Increased, 1997-2021	No quadratic change	No change

# New York City High School Survey

**Trend Analysis Report** 

		ence		Healt	th Risk	Behavi	or and i	Percent	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991 1993	93 19	95 1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			

### New York City High School Survey

Trend Analysis Report

Total	
Tobacco	Use

					Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN30:	Percei	ntage of	studen	ts who	ever trie	d cigar	ette smo	oking (e	ven one	or two	puffs)	-						
			59.9	62.1	58.0	49.4	48.1	43.5	35.3	28.9	26.8	22.0	15.0	11.5	9.5	Decreased, 1997-2021	Decreased, 1997-2007 Decreased, 2007-2021	No change
QN31:	Percei	ntage of	fstuden	ts who i	first trie	d cigare	ette smo	king be	fore age	e 13 yea	ars (ever	n one or	two pu	ffs)				
														6.2	4.5	No linear change	Not available <sup>§</sup>	Decreased
QN32: survey		ntage of	studen	ts who	currently	y smoke	ed cigar	ettes (or	n at leas	st 1 day	during	the 30 d	ays bef	ore the	:			
			23.4	24.1	17.6	14.8	11.2	8.5	8.4	8.5	8.2	5.8	5.0	3.3	2.2	Decreased, 1997-2021	Decreased, 1997-2015 Decreased, 2015-2021	No change
	CIG: P efore th			udents	who cur	rently s	moked	cigarett	es frequ	ently (c	on 20 or	more d	ays duri	ing the 3	30			
			9.7	8.8	7.5	5.3	3.6	2.7	2.4	2.5	2.2	1.4	0.8	0.8	0.2	Decreased, 1997-2021	Decreased, 1997-2013 Decreased, 2013-2021	Decreased

# New York City High School Survey

Trend Analysis Report

Total
Tobacco Use

					Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QNDA the sur		Percer	ntage of	studen	ts who o	currently	y smoke	d cigare	ettes dai	ily (on a	ull 30 da	ys durii	ng the 3	0 days l	before			
			7.2	6.1	5.3	3.9	2.6	1.8	1.7	1.8	1.7	0.9	0.6	0.4	0.1	Decreased, 1997-2021	Decreased, 1997-2013 Decreased, 2013-2021	Decreased
							nan 10 c tly smol			y (on th	ne days	they sm	oked dı	iring the	e 30			
			12.9	6.7	9.9	5.8	6.3	7.2	8.2	8.4	7.0	8.8	12.9	10.6	6.1	No linear change	No change, 1997-2003 No change, 2003-2021	No change
																	100 enange, 2003-2021	
pens, e		, e-hool	cahs, ho	okah pe	ens, and		an electr such as											

# New York City High School Survey

Trend Analysis Report

Total Tobacco Use																
			Healt	h Risk	Behavio	or and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991 1993	1995 1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QNFREVP: Pe during the 30 d				rently u	sed elec	tronic	vapor p	roducts	frequer	ntly (on	20 or m	ore day	S			
Ū.	-	•								1.6	2.5	2.8	1.7	No linear change	Not available <sup>§</sup>	Decreased
QNDAYEVP: days before the		f student	s who c	currently	y used el	lectroni	ic vapo	r produo	ets daily	(on all	30 days	s during	the 30			
										1.1	1.9	1.8	1.0	No linear change	Not available	Decreased
QNTB5: Perce during the 30 d				tly smol	ked ciga	rettes o	or used	electror	nic vapo	r produ	cts (on	at least	1 day			
										17.3	17.4	14.5	10.7	Decreased, 2015-2021	Not available	Decreased
QN38: Percent the 30 days bef			urrently	/ smoke	d cigars	(cigars	s, cigari	illos, or	little cig	gars, on	at least	1 day c	luring			
									7.7	5.7	5.8	6.3	3.0	Decreased, 2013-2021	Not available	Decreased

### New York City High School Survey

Total Tobac	co Use																	
					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
	CGR: 1 re days o						moked	cigars f	frequent	tly (ciga	urs, ciga	rillos, o	r little c	igars, o	n 20			
											0.9	0.7	1.1	0.6	0.5	No linear change	Not available <sup>§</sup>	No change
QNTE the sur		centage	of stude	ents who	o curren	tly smo	ked ciga	rettes o	or cigars	s (on at	least 1 d	lay duri	ng the 3	30 days	before			
											11.1	7.6	6.4	5.6	3.1	Decreased, 2013-2021	Not available	Decreased
	AYCGR uring th					currentl	y smoke	d cigar	s daily	(cigars,	cigarill	os, or li	ttle ciga	urs, on a	11 30			
											0.6	0.5	0.7	0.4	0.3	No linear change	Not available	No change

### New York City High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN40	Percer	ntage of	studen	ts who l	had thei	r first dı	ink of a	lcohol	before a	ige 13 y	ears (ot	her thar	a few	sips)				
												18.2	17.6	19.2	16.2	No linear change	Not available <sup>§</sup>	No change
<u>ON/41</u>	Darca	tage of		te who	urranth	y drank	alcohol	(at 1000	t one di	ink of (	lcohol	on at la	ast 1 da	v durin	a the	·		
-		ntage of e the sur		ts who o	currently	y drank	alcohol	(at leas	t one di	rink of a	lcohol,	on at le	ast 1 da	y durin	g the			
-		•		ts who o 37.8	currently 41.8	y drank 35.5	alcohol 35.5	(at leas 33.5	at one di 32.0	rink of a 30.6	ilcohol, 24.7	on at le 20.9	ast 1 da 17.9	y durin; 20.8	g the 13.3	Decreased, 1997-2021	Decreased, 1997-2009 Decreased, 2009-2021	Decreased
30 day QN42 were f	s before Percer emale o	e the sur ntage of r five of	rvey) 39.7	37.8 ts who o drinks o	41.8	35.5 y were t		33.5	32.0	30.6 Ir or mo	24.7	20.9	17.9 ohol in	20.8 a row if	13.3	,		Decreased

### New York City High School Survey

Trend Analysis Report

Total Alcoh	ol and (	Other I	Orug Us	e	Hool	th Risk	Bohovi	or and	Dorcon	tagos						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from
					mear	ui Kisk	Denavi	or and	reiten	lages						Linear Change	Quauratic Change	2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN46:	Percer	ntage of	studen	ts who	tried ma	rijuana	for the t	first tim	e befor	e age 13	3 years		-					
			7.2	6.5	7.5	7.2	6.5	5.5	6.7	7.1	7.4	6.2	6.7	7.0	4.5	No linear change	No quadratic change	Decreased
QN47:	Percer	ntage of	studen	ts who	currentl	y used r	narijuar	na (one	or more	times c	luring th	ne 30 da	ays befo	re the su	urvey)	· · · · · · · · · · · · · · · · · · ·		
			15.7	17.3	17.8	15.3	12.3	12.4	15.0	17.7	16.2	15.9	16.2	17.7	11.7	No linear change	No quadratic change	Decreased
QN48:	Percer	ntage of	studen	ts who o	ever use	ed synth	etic mar	rijuana (	(one or	more tii	mes dur	ing thei	r life)	-				
												5.4	5.4	9.9	4.4	No linear change	Not available <sup>§</sup>	Decreased
		ntage of during			ever use	ed cocai	ne (any	form of	cocain	e, inclu	ding po	wder, ci	rack, or	freebase	e, one			
			3.3	3.3	2.6	3.5	3.6	3.2	4.2	4.1	4.7	4.4	4.1	5.0	2.7	No linear change	Increased, 1997-2013 Decreased, 2013-2021	Decreased

### New York City High School Survey

**Trend Analysis Report** 

Total Alcoh	ol and (	Other I	Orug Us	se														
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
-	: Percer during t	•		ts who e	ever use	d heroii	n (also c	alled "s	smack,"	"junk,"	' or "Ch	ina Whi	ite," one	e or moi	e			
				1.0	0.9	1.6	1.8	1.3	2.6	2.7	2.8	2.5	3.9	5.5	2.5	Increased, 1999-2021	Increased, 1999-2003 Increased, 2003-2021	Decreased
	Percer eth," one						mpheta	mines (	(also cal	lled "sp	eed," "c	rystal m	neth," "c	crank," '	"ice,"			
														4.9	2.9	Decreased, 2019-2021	Not available <sup>§</sup>	No change
	Percei					ected an	y illegal	drug (	used a r	needle to	o inject	any ille	gal drug	g into th	eir			
			1.3	0.8	1.1	1.3	2.1	1.7	2.8	2.5	2.5	2.2	2.7	4.0	1.9	Increased, 1997-2021	Increased, 1997-2009 No change, 2009-2021	Decreased

### **New York City High School Survey**

**Trend Analysis Report** 

Total
Sexual Behaviors

					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN57:	Percei	ntage of	studen	ts who o	ever had	l sexual	interco	urse										
			40.0	45.1	50.9	48.0	47.7	46.1	39.3	37.8	31.2	27.2	26.8	25.5	18.5	Decreased, 1997-2021	No change, 1997-2005 Decreased, 2005-2021	Decreased
QN58:	Percei	ntage of	studen	ts who l	had sex	ual inter	course	for the f	irst tim	e before	age 13	years						
			9.4	8.8	12.3	11.0	10.9	9.4	8.3	7.0	5.5	4.4	4.1	3.6	2.9	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	No change
QN59:	Percei	ntage of	student	ts who l	had sext	ual inter	course	with fou	ir or mo	re perso	ons duri	ng their	life					
			14.8	15.1	18.9	17.1	17.7	15.8	14.5	12.3	10.3	7.6	6.5	5.9	2.8	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	Decreased
			student			rrently	sexually	active	(had se	cual inte	ercourse	with at	t least of	ne perso	on,			
			27.8	30.5	36.6	33.9	29.7	31.7	27.4	25.1	20.3	18.7	17.7	16.9	11.3	Decreased, 1997-2021	No change, 1997-2001 Decreased, 2001-2021	Decreased

# New York City High School Survey

Trend Analysis Report

Total Sexua	l Behav	iors																
					Heal	th Risk	Behavi	ior and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
	: Percer currently				drank al	cohol o	r used d	lrugs be	fore las	t sexual	interco	urse (ar	nong st	udents v	vho			
			21.1	15.4	16.9	15.5	15.8	13.4	18.9	19.2	18.5	18.7	16.3	18.9	12.3	No linear change	No quadratic change	Decreased
	: Percei ly active		studen	ts who	used a c	ondom	during	last sex	ual inter	rcourse	(among	student	s who v	vere cur	rently			
			72.7	66.4	71.0	76.4	69.2	71.5	71.1	65.4	67.8	62.2	57.4	54.7	59.0	Decreased, 1997-2021	Increased, 1997-2003 Decreased, 2003-2021	No change
	: Percei f they de			ts who	were ev	er tested	l for hu	man im	munode	eficienc	y virus (	(HIV) (r	not cour	nting tes	its			
									17.6	19.6	20.3	21.6	18.0	20.9	11.9	Decreased, 2009-2021	Increased, 2009-2015 Decreased, 2015-2021	Decreased
	: Percei ydia or								smitted	disease	(STD)	other the	an HIV,	such as	3			
														17.9	9.5	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased

### New York City High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
	WT: Per on sex-											centile	for bod	y mass :	index,			
				14.8	14.9	15.8	16.0	15.9	16.1	15.5	16.6	15.5	16.4	17.1	15.8	Increased, 1999-2021	No quadratic change	No change
	BESE: I becific re								entile f	or body	<sup>7</sup> mass ir	idex, ba	ised on	sex- and	1			
				9.0	11.3	13.1	11.3	11.2	10.4	11.6	11.8	12.4	13.5	13.8	19.2	Increased, 1999-2021	Increased, 1999-2017 Increased, 2017-2021	Increased
QN69	: Percei	ntage of	student	ts who c	lid not e	eat fruit	(one or	more ti	imes du	ring the	e 7 days	before	the surv	ey)				
				16.1	20.5	19.4	19.4	16.9	18.2	18.1	18.3	17.4	19.1	21.6	18.4	Increased,	No change, 1999-2015	No change

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

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

### **New York City High School Survey**

**Trend Analysis Report** 

Total Weigł	ht Man	agemen	t and D	oietary 1	Behavio	ors												
					Healt	th Risk	Behavior	and	Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005 2	007	2009	2011	2013	2015	2017	2019	2021	-		
							can, bottle, s during th						oke, Pej	psi, or S	prite,			
							2	0.6	22.0	26.1	29.6	29.0	34.5	35.8	34.0	Increased, 2007-2021	Increased, 2007-2017 No change, 2017-2021	No change
-			0				n, bottle, c liet pop, d	0		1			1	er day (	such			
							2	3.5	22.2	20.9	15.7	15.8	14.9	12.4	12.5	Decreased, 2007-2021	No quadratic change	No change
							n, bottle, c liet pop, d							er day (	such			
							1	5.9	15.8	14.8	10.4	10.3	9.6	7.9	7.7	Decreased, 2007-2021	No quadratic change	No change

# New York City High School Survey

**Trend Analysis Report** 

					Heal	h Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
of phy		tivity th				ysically rate and												
										39.0	36.6	38.7	39.1	30.7	32.3	Decreased, 2011-2021	No quadratic change	No change
day (ii	n any ki	nd of pl		activity		lid not p reased th									st 1			
Juning										18.4	18.8	20.5	18.4	23.8	22.9	Increased,	No quadratic change	No change
Garing																2011-2021		
QNPA kind o		al activ				vere phy heart rat										2011-2021		

# New York City High School Survey

Trend Analysis Report

Total Other					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
		ntage of before			aw a de	entist (fo	or a che	ck-up, e	exam, te	eth clea	aning, o	r other o	lental w	ork, du	ring			
												69.7	69.4	69.7	62.2	Decreased, 2015-2021	Not available <sup>§</sup>	Decreased
QNNC work)	DNT:	Percent	age of s	students	who ne	ever sav	v a denti	ist (for a	a check-	-up, exa	im, teetł	n cleani	ng, or o	ther den	ital	·		
												3.0	2.1	2.9	2.6	No linear change	Not available	No change
QN86:	Percei	ntage of	studen	ts who g	got 8 or	more h	ours of s	sleep (o	on an av	erage so	chool ni	ght)						
												25.2	22.6	19.6	24.1	No linear change	Not available	Increased

# New York City High School Survey

Trend Analysis Report

Total Site-A	dded				Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
	Percei nglish	ntage of	studen	ts who i	eported	l in their	r home j	people i	most of	the time	e or alw	ays spe	ak a lan	guage o	ther			
	-						47.1	43.9	47.2	46.5	49.2	48.8	49.3	50.0	51.5	No linear change	No change, 2005-2017 No change, 2017-2021	No change
QN91	Percei	ntage of	studen	ts who a	are trans	sgender							1.5	1.6	3.0	No linear change	Not available <sup>§</sup>	No change
being		nmed in					one bein an objec									No linear change	Not available	Decreased

# New York City High School Survey

Trend Analysis Report

Total Site-A	dded																	
					Healt	th Risk	Behavio	r and ]	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							o purpose re times							such as				
										17.7	14.6	13.9	17.0	18.0	19.1	Increased, 2011-2021	Decreased, 2011-2015 Increased, 2015-2021	No change
QN96:	Perce	ntage of	fstuden	ts who ı	isually	smoke n	nenthol c	igarette	es (amo	ong stud	lents wl	no smok	te cigar	ettes)				
														40.1	30.6	Decreased, 2019-2021	Not available <sup>§</sup>	No change
						electron product)	ic vapor	produc	et for th	e first t	ime bef	ore age	13 year	rs (amor	ng			
			-								-			24.0	27.9	Increased, 2019-2021	Not available	No change

### New York City High School Survey

Trend Analysis Report

Total Site-A	dded				Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
flavor	(mint o		ol, cho		ypically andy, fr									flavor a 10 use	nd no			
	1	I I	,											90.9	91.0	No linear change	Not available <sup>§</sup>	No change
<u>ON100</u> .	Damaan	ataga al	fatudan	to who l	anna tali		anintia	-	madiair				aconinti		·			
differe	ntly tha	n how a	a doctor	told the	have tak em to us ing the 1	se it (co	unting c	lrugs su	ch as co					on or Tydroco	done,			
													7.8	12.5	8.7	No linear change	Not available	Decreased
differe	ntly tha	n how a	a doctor	told the		se it (co	unting c							ption or tivan, o				
													5.1	5.8	3.4	Decreased, 2017-2021	Not available	Decreased

# New York City High School Survey

Fotal Site-Added				Healt	h Risk	Behavi	or and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN101: Perc	entage o	of studer	nts who	have ta													
	octor tole				0 0	s such a	as Adde	erall, Ri	talin, Co	oncerta,	or Vyva	anse, or 5.8	6.4	ore 4.4	Decreased,	Not available <sup>§</sup>	No change
han how a do imes during t QN103: Perc sexual interco as birth contro ntercourse)	entage o urse wa	of studen s that th	efore the	reported	d their p	orimary om beca	reason ause the	for not ey used	using a another	condor r metho	n the las	5.8 st time t vent pre	6.4 hey had gnancy	4.4	Decreased,	Not available <sup>§</sup>	No change

# New York City High School Survey

Trend Analysis Report

Total Site-A	dded																	
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
											traceptic al interc		'Mornin	ng-After	Pill")			
											9.9	10.3	13.7	14.5	16.6	Increased, 2013-2021	Not available <sup>§</sup>	No change
QN106	5: Perce	entage o	of stude	nts who	did not	receive	sex edu	ucation	in their	high sc	hool he	alth edu	cation o	class		·		
														19.6	17.6	No linear change	Not available	No change
QN107	7: Perce	entage o	of stude	nts who	did not	receive	sex edu	ucation	in their	middle	school	health e	educatio	on class				
												-		13.6	18.8	Increased, 2019-2021	Not available	Increased

# New York City High School Survey

Trend Analysis Report

Total Site-A	dded																	
					Heal	th Risk	Behavi	ior and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
-		0		ents who ot count						•	0	reen sal	ad, carro	ots, gree	en			
								28.5	31.6	32.1	28.2	26.4	29.1	25.5	25.1	Decreased, 2007-2021	Increased, 2007-2011 Decreased, 2011-2021	No change
punch		lavored	drinks,	ents who or suga														
											74.4	71.6	69.1	66.6	71.3	No linear change	Not available <sup>§</sup>	Increased
				ents who e the sur		ever rid	den a bi	icycle ir	n one of	f the fiv	e borou	ghs of N	New Yo	rk City				
														52.4	57.1	No linear change	Not available	No change
QN11	8: Perc	entage	of stude	ents who	have b	een taug	ght abou	at AIDS	or HIV	/ infecti	on in sc	chool		77.0	70.4	Decreased, 2019-2021	Not available	Decreased

# New York City High School Survey

Trend Analysis Report

Total Site-A	dded																	
					Heal	th Risk	Behavi	or and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change*	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN12	0: Perc	entage (	of stude	ents who	have e	ver beer	n told by	/ a doct	or or a	nurse th	at they l	nave ast	thma					
							20.5	22.1	22.2	23.0	25.4	24.2	23.9	24.6	22.5	Increased, 2005-2021	No quadratic change	No change
				ents who s before			e of asth	ma or a	in asthn	na attacl	k (amon	g stude	nts who	have ha	ad			
								25.0	24.2	24.1	26.9	22.4	28.2	24.4	28.5	Increased, 2007-2021	No change, 2007-2011 Increased, 2011-2021	Increased
							t away f onths be				uardians	becaus	e they v	were kic	ked			
													9.2	12.1	7.6	No linear change	Not available <sup>§</sup>	Decreased
QN12:	5: Perc	entage	of stude	ents who	have e	ver beer	n arreste	d										
														12.6	5.9	Decreased, 2019-2021	Not available	Decreased

# New York City High School Survey

Total Site-A	dded				Healt	th Risk	Behavi	or and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN12	6: Perc	entage o	of studer	nts who	strong	y agree	or agree	e that th	ey feel	close to	o people	at their	school	65.5	58.7	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
			of studer problem		reporte	d there	is at lea	st one t	eacher	or other	adult ir	n their s	chool th	at they	can			

# New York City High School Survey

**Trend Analysis Report** 

Male Injury	v and V	iolence																
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							hool bec he surve		ey felt	unsafe a	at schoo	l or on t	their wa	y to or :	from			
			9.7	9.3	10.2	10.0	9.0	7.4	7.9	8.5	8.4	5.9	9.0	10.5	12.8	No linear change	Decreased, 1997-2015 Increased, 2015-2021	No change
-		0					or inju fore the			pon on s	school p	roperty	(such a	s a gun	, knife,			
			10.1	13.5	12.5	11.9	10.9	9.1	9.7	8.3	8.8	8.0	10.1	10.4	6.7	Decreased, 1997-2021	No quadratic change	Decreased
QN16: survey		ntage of	student	ts who v	were in	a physic	cal fight	(one of	r more t	times du	iring the	e 12 mo	nths bef	fore the				
			43.3	45.1	47.7	45.1	41.4	39.8	37.9	33.1	31.0	25.6	29.6	26.6	19.7	Decreased, 1997-2021	No change, 1997-2001 Decreased, 2001-2021	Decreased

# New York City High School Survey

Male Injury	and V	iolence																
		Health Risk Behavior and Percentages									Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021					
1991	1993	1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017 2							2019	2021	-							
such th	nings as	kissing	, touchi	ng, or b		ysically	forced		0	-	anyone urse] th			0.5	0			
														8.6	5.3	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
going o interco	out with ourse] th	n to do s nat they	sexual th did not	nings [c want to	ounting do, one	such th e or mor	ings as l	kissing, during	, touchin the 12 1	ng, or b months	ced by s eing phy before t	ysically	forced	to have	sexual			
											11.3	8.6	11.8	4.6	5.0	Decreased, 2013-2021	Not available	No change

### New York City High School Survey

Male Injury	and V	iolence						1.5							*		
					Healt	th Risk	Behavio	or and Pe	centag	es					Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007 20	09 20	11 2013	2015	2017	2019	2021	-		
someo with a	ne they 1 object	were da or wea	ating or pon] on	going c e or mo	out with re times	[counti s during	ng such	ting violer things as b nonths bef vey)	eing hit	, slammed	l into so	mething	g, or inju				
										10.4	11.1	9.7	11.1	6.7	No linear change	Not available <sup>§</sup>	Decreased
QN23:	Percei	ntage of	student	ts who v	were bul	llied on	school p	property (e	ver duri	ng the 12	months	before t	he surve	ey)	· =		
								1	1.1 11	.5 12.4	11.7	14.4	16.1	10.2	No linear change	Increased, 2009-2017 Decreased, 2017-2021	Decreased
								ed (counti before the			hrough t	exting,	Instagra	m,			
									8	9 8.8	8.9	11.6	13.5	11.1	Increased, 2011-2021	No quadratic change	No change

### **New York City High School Survey**

**Trend Analysis Report** 

Male Injury	and V	iolence																
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
							less (alr ths befo			for >=2	2 weeks	in a rov	v so tha	t they st	opped			
				25.8	24.8	24.9	24.3	20.6	21.5	20.8	20.9	21.2	24.4	28.2	28.2	No linear change	Decreased, 1999-2013 Increased, 2013-2021	No change
QN26	Percei	ntage of	studen	ts who s	seriousl	y consic	lered att	temptin	g suicid	le (durir	ng the 12	2 month	ns before	e the sur	rvey)			
			10.9	10.9	10.7	9.3	10.3	7.7	10.2	8.1	10.0	9.0	13.1	13.5	10.0	No linear change	Decreased, 1997-2011 Increased, 2011-2021	Decreased
QN28 survey		ntage of	studen	ts who a	actually	attemp	ted suici	ide (one	e or moi	re times	during	the 12 r	nonths	before t	he			
			4.6	3.5	4.4	5.1	7.3	5.4	9.0	7.0	6.6	6.2	9.9	8.5	7.0	Increased, 1997-2021	No quadratic change	No change

# New York City High School Survey

Male Injury	y and V	iolence																
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
		ntage of a doctor								n injury	, poisoi	ning, or	overdos	se that h	ad to			

### New York City High School Survey

Trend Analysis Report

Male	
Tobacco	Use

					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN30:	Percer	ntage of	studen	ts who e	ever trie	ed cigare	ette smo	oking (e	ven one	or two	puffs)				-			
			56.1	60.7	53.7	46.9	46.4	43.4	35.6	28.9	27.6	23.3	16.1	12.3	9.8	Decreased, 1997-2021	Decreased, 1997-2007 Decreased, 2007-2021	No change
QN31:	Percer	ntage of	studen	ts who i	first trie	d cigare	ette smo	king be	fore age	e 13 yea	urs (ever	n one or	two pu	ffs)	:			
														7.2	4.6	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
QN32: survey		ntage of	studen	ts who o	currentl	y smoke	ed cigar	ettes (o	n at leas	st 1 day	during	the 30 d	ays befo	ore the				
			22.8	22.6	16.4	13.4	10.5	8.3	9.0	9.0	9.2	6.6	6.1	4.0	2.0	Decreased, 1997-2021	No quadratic change	Decreased
QNFR days be				udents	who cur	rently s	moked	cigarett	es frequ	ently (c	on 20 or	more da	ays duri	ng the 3	30			
			10.8	8.7	7.8	5.3	4.2	2.8	2.7	3.3	2.9	1.8	1.3	1.0	0.1	Decreased, 1997-2021	Decreased, 1997-2013 Decreased, 2013-2021	Decreased

### New York City High School Survey

Male Tobac	co Use																	
					Heal	th Risk	Behavi	ior and	Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QNDA the sur		Percei	ntage of	student	s who c	currently	y smoke	ed cigar	ettes da	ily (on a	all 30 da	ays duri	ng the 3	0 days l	before			
			8.4	6.4	6.2	4.1	3.0	2.0	2.0	2.3	2.2	1.2	1.1	0.6	0.0	Decreased, 1997-2021	Decreased, 1997-2017 Decreased, 2017-2021	Decreased
							nan 10 c tly smol				he days	they sm	noked du	uring the	e 30			
			14.0	8.9	17.6	7.7	10.8	10.1	11.2	12.1	8.3	10.7	16.1	10.2	1.0	No linear change	No quadratic change	Decreased
pens, e	e-cigars	, e-hool		okah pe	ens, and						icluding 1, Vuse,							
												14.8	18.3	14.9	6.9	Decreased, 2015-2021	Not available <sup>§</sup>	Decreased

# New York City High School Survey

**Trend Analysis Report** 

Male Tobacco Use																
			Healt	h Risk	Behavio	or and ]	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991 1993	1995 199	7 1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QNFREVP: P during the 30 d				rently u	sed elect	tronic v	apor p	roducts	frequen	tly (on	20 or n	nore day	'S			
										2.0	3.2	3.0	1.4	Decreased, 2015-2021	Not available <sup>§</sup>	Decreased
QNDAYEVP: days before the		of studen	ts who c	currently	y used ele	ectronio	e vapo	r produc	cts daily	(on all	30 days	s during	the 30			
										1.6	2.4	2.0	0.7	Decreased, 2015-2021	Not available	Decreased
QNTB5: Perc during the 30 c				tly smol	ked ciga	rettes o	r used	electror	nic vapo	r produ	cts (on	at least	1 day			
										16.4	18.1	14.1	6.6	Decreased, 2015-2021	Not available	Decreased
QN38: Percent the 30 days be			currently	y smoke	d cigars	(cigars	, cigari	illos, or	little cig	gars, on	at least	t 1 day c	luring			
									8.7	7.7	7.1	8.3	2.9	Decreased, 2013-2021	Not available	Decreased

### New York City High School Survey

**Trend Analysis Report** 

Tobac	co Use				Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
		Percent during t					smoked	cigars f	frequent	tly (ciga	urs, ciga	rillos, o	or little o	cigars, o	on 20			
											1.1	1.1	1.5	0.7	0.3	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
QNTB the sur		centage	of stude	ents who	o curren	itly smo	ked ciga	arettes o	or cigars	s (on at	least 1 d	day duri	ing the	30 days	before			
											11.7	9.0	7.8	6.9	3.2	Decreased, 2013-2021	Not available	Decreased
		R: Perce he 30 da				currentl	y smok	ed cigar	rs daily	(cigars,	cigarill	os, or li	ttle ciga	ars, on a	ull 30			
											0.9	0.9	1.0	0.5	0.1	Decreased, 2013-2021	Not available	Decreased

Male

### New York City High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN40	: Percer	ntage of	studen	ts who l	nad thei	r first dı	ink of a	lcohol	before a	ige 13 y	ears (ot	her thar	n a few	sips)				
												18.5	17.8	19.0	13.5	No linear change	Not available <sup>§</sup>	Decreased
ON41	Damaa	ntogo of	ctudon	to who		. decente	alaahal	(at 1000	t one de	rint of	lachal	on at la	oot 1 de	. durin	a tha	·		
·	Percer s before	U		ts who d	currently	y drank	alcohol	(at leas	t one di	rink of a	alcohol,	on at le	ast 1 da	y durin	g the			
·		U		ts who of 40.5	currently 41.7	y drank 34.6	alcohol 35.8		at one di 30.5	rink of a 28.3	alcohol, 22.7		ast 1 da 15.1	y durin 19.3	g the 10.9	Decreased, 1997-2021	Decreased, 1997-2007 Decreased, 2007-2021	Decreased
30 day QN42 were f	s before Percer emale o	e the sur	rvey) 42.1	40.5 ts who d drinks o	41.7	34.6 y were t		32.5	30.5	28.3 Ir or mo	22.7	17.6	15.1 ohol in	19.3 a row if	10.9	,	<i>,</i>	Decreased

## New York City High School Survey

Trend Analysis Report

			Drug Us	e	Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			2019-2021
QN46	Percei	ntage of	studen	ts who t	ried ma	rijuana	for the f	first tim	e before	e age 13	3 years							
			9.1	8.0	8.6	9.1	8.5	7.4	8.8	8.9	10.3	7.4	8.1	9.2	3.9	No linear change	No quadratic change	Decreased
QN47	Percer	ntage of	studen	ts who d	currently	y used r	narijuan	a (one o	or more	times d	luring th	ne 30 da	ıys befo	ore the su	irvey)	. <u> </u>		_
			19.4	19.6	19.3	16.4	14.2	14.0	17.4	19.7	17.3	15.7	15.3	17.1	8.9	Decreased, 1997-2021	No quadratic change	Decreased
QN48	Percei	ntage of	studen	ts who e	ever use	d synth	etic mar	ijuana (	one or	more tir	nes dur	ing thei	r life)	÷		·	-	
QN48	Percei	ntage of	studen	ts who e	ever use	d synth	etic mar	ijuana (	(one or 1	more tir	mes dur	ing thei 6.5	r life) 6.4	11.0	3.6	No linear change	Not available <sup>§</sup>	Decreased
QN50	: Percer	ntage of		ts who e					-			6.5	6.4	11.0 freebase		No linear change	Not available <sup>§</sup>	Decreased

## New York City High School Survey

**Trend Analysis Report** 

Male Alcoh	ol and (	Other I	Orug Us	e														
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
-	Percer during t	0		ts who e	ever use	d heroir	n (also c	alled "	smack,"	"junk,'	' or "Ch	ina Whi	ite," one	e or moi	e			
				1.3	1.2	2.3	2.9	2.0	3.6	3.5	3.9	3.6	5.3	7.8	2.1	Increased, 1999-2021	No change, 1999-2003 Increased, 2003-2021	Decreased
	Percer eth," one						mpheta	mines	(also cal	lled "sp	eed," "c	rystal m	neth," "c	crank," '	"ice,"			
														5.9	2.9	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
	Percen					ected an	y illegal	drug (	used a r	needle t	o inject	any ille	gal drug	g into th	eir			
			2.0	1.3	1.4	1.8	3.1	2.2	3.4	3.4	3.1	3.0	3.6	5.6	1.9	Increased, 1997-2021	Increased, 1997-2009 No change, 2009-2021	Decreased

## **New York City High School Survey**

**Trend Analysis Report** 

Male
<b>Sexual Behaviors</b>

					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN57:	Percei	ntage of	fstuden	ts who e	ever had	l sexual	interco	urse				-						
			47.0	53.2	56.6	55.3	52.3	51.6	45.2	43.9	36.3	30.4	30.5	28.8	18.3	Decreased, 1997-2021	No change, 1997-2005 Decreased, 2005-2021	Decreased
QN58:	Percei	ntage of	fstuden	ts who l	had sex	ual inter	course	for the f	first tim	e before	e age 13	years		-				
			15.6	15.5	19.5	18.2	17.1	15.5	13.5	10.5	8.9	7.5	7.0	5.9	2.8	Decreased, 1997-2021	No change, 1997-2005 Decreased, 2005-2021	Decreased
QN59:	Percei	ntage of	fstuden	ts who l	had sex	ual inter	course	with fou	ir or mo	ore perso	ons duri	ng their	life	-				
			22.6	23.9	28.4	26.5	24.0	23.4	21.5	18.2	15.4	11.4	10.1	8.9	3.4	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	Decreased
			f studen before th			rrently	sexually	active	(had sey	kual inte	ercourse	e with at	t least of	ne perso	on,			
			30.4	33.9	38.9	37.1	29.5	32.4	30.1	27.8	22.7	19.1	18.3	17.3	11.7	Decreased, 1997-2021	No change, 1997-2001 Decreased, 2001-2021	Decreased

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

# New York City High School Survey

Trend Analysis Report

Male Sexua	l Behav	iors																
					Heal	th Risk	Behavi	ior and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
			student ly active		drank al	cohol o	r used d	lrugs be	efore las	st sexual	interco	ourse (ar	nong st	udents v	vho			
			26.9	20.3	23.4	20.6	21.8	17.0	22.7	23.2	22.1	22.3	19.1	22.0	10.1	No linear change	No quadratic change	Decreased
	Percer ly active		studen	ts who	used a c	ondom	during	ast sex	ual inter	rcourse	(among	student	ts who v	vere cur	rently			
			78.4	72.5	78.3	83.8	77.3	78.3	77.3	70.8	73.3	69.9	66.5	61.3	63.4	Decreased, 1997-2021	Increased, 1997-2003 Decreased, 2003-2021	No change
	Percer f they de			ts who	were ev	er tested	l for hu	man im	munode	eficienc	y virus (	(HIV) (1	not cour	nting tes	ts			
									17.1	20.7	21.4	22.4	18.9	23.5	13.1	No linear change	Increased, 2009-2013 Decreased, 2013-2021	Decreased
					were tes 12 mon				smitted	disease	(STD)	other th	an HIV,	such as	6			
														20.0	10.7	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased

## New York City High School Survey

**Trend Analysis Report** 

				y -	Behavio Healt		Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
-	WT: Per on sex-	0					U V					centile	for bod	y mass :	index,			
				16.4	14.5	16.5	16.8	14.7	16.1	14.6	16.4	14.0	15.0	15.1	14.0	No linear change	No quadratic change	No change
	BESE: I							rts) <sup>§</sup>	centile f 12.9	for body 14.1	mass ir 13.2	ndex, ba 14.2	16.3	sex- and 15.7	1 22.9	Increased, 1999-2021	No change, 1999-2015 Increased, 2015-2021	Increased
QN69	: Percei	ntage of	student	ts who c	lid not e	eat fruit	(one or	more t	imes du	ring the	e 7 days	before	the surv	ey)				

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

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

## **New York City High School Survey**

**Trend Analysis Report** 

Male Weigł	ht Man	agemen	t and D	Dietary	Behavio	ors												
					Healt	th Risk	Behavio	or and	Perce	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							can, bottl s during						oke, Pej	osi, or S	prite,			
								17.5	20.8	25.4	27.7	27.1	31.7	34.2	32.9	Increased, 2007-2021	Increased, 2007-2011 Increased, 2011-2021	No change
							n, bottle diet pop,							er day (	such			
								25.4	23.3	23.5	17.0	16.5	17.9	13.6	13.0	Decreased, 2007-2021	No quadratic change	No change
							n, bottle diet pop,							er day (	such			
								17.0	15.7	16.3	11.0	10.7	11.7	8.3	7.9	Decreased, 2007-2021	No quadratic change	No change

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

## **New York City High School Survey**

**Trend Analysis Report** 

Male Physic	cal Acti	vity																
					Heal	th Risk	Behav	vior and	d Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
of phy		tivity th							t 60 min breathe l									
										45.8	42.9	45.7	46.6	34.4	35.7	Decreased, 2011-2021	Increased, 2011-2017 Decreased, 2017-2021	No change
day (ir	n any ki	nd of pl		activity					t least 6 and ma									
										16.6	15.8	16.3	16.0	23.1	19.5	Increased, 2011-2021	No quadratic change	No change
kind o		cal activ							at least hem brea									
										26.4	24.3	26.2	26.2	17.0	17.8	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	No change

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

# New York City High School Survey

Trend Analysis Report

Male Other					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
			student		saw a de	entist (fo	or a che	ck-up, e	exam, te	eth clea	aning, or	t other o	lental w	ork, du	ring			
												71.3	68.6	68.5	64.0	Decreased, 2015-2021	Not available <sup>§</sup>	Decreased
QNNO work)	DNT:	Percent	age of s	students	who ne	ever saw	v a denti	ist (for a	a check-	up, exa	ım, teeth	l cleanii	ng, or o	ther den	ıtal	<u>-</u>		
,												3.3	2.5	3.7	3.1	No linear change	Not available	No change
QN86:	Percer	ntage of	student	ts who g	got 8 or	more h	ours of s	sleep (o	n an av	erage so	chool nig	ght)		·				
												27.3	23.2	19.0	26.9	No linear change	Not available	Increased

# New York City High School Survey

Trend Analysis Report

Male Site-A	dded																	
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
	: Percei Inglish	ntage of	student	ts who 1	reported	in their	home p	people 1	most of	the time	e or alw	ays spe	ak a lan	guage o	other			
							47.0	42.9	46.0	44.5	46.8	47.0	47.6	48.8	51.1	No linear change	No quadratic change	No change
ON91	· Perce	ntage of	student	ts who :	re trans	gender												
QUUI	. 1 0100	inage of	studen	.5 WHO	ire trans	gender							1.7	1.9	2.3	No linear change	Not available <sup>§</sup>	No change
0102				1	•.	1			. 11 1									
being		nmed in				ed some ed with a												
														45.5	36.8	Decreased, 2019-2021	Not available	Decreased

# New York City High School Survey

Trend Analysis Report

Male Site-A	dded																	
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
							o purpos ore times							such as				
										13.2	9.3	8.9	13.7	14.7	10.9	No linear change	No quadratic change	Decreased
QN96:	Percei	ntage of	f studen	ts who ı	usually s	smoke r	nenthol	cigaret	tes (amo	ong stud	dents wl	no smok	te cigar	ettes)	. <u> </u>			
														41.5	30.9	Decreased, 2019-2021	Not available <sup>§</sup>	No change
					ried an vapor p		iic vapo	r produ	ct for th	e first t	ime bef	ore age	13 year	s (amor	ng			
														27.9	32.0	No linear change	Not available	No change

# New York City High School Survey

Trend Analysis Report

Male Site-A	dded																	
					Healt	h Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
	(mint o	r menth	ol, cho	ts who t colate, c										flavor a 10 use	nd no			
	1	I	,											88.9	85.8	No linear change	Not available <sup>§</sup>	No change
QN99:	Perce	ntage of	f studen	ts who l	nave tak	en a pre	scriptio	n pain 1	medicir	ne with	out a do	ctor's pr	escripti	ion or		·		
differe	ntly tha	n how a	a doctor		em to us	e it (cou	inting d	rugs su	ch as co					Hydroco	done,			
													8.4	11.5	5.8	No linear change	Not available	Decreased
differe	ntly tha	n how a	a doctor		em to us	e it (cou								iption or tivan, o				
													5.9	7.7	2.8	Decreased, 2017-2021	Not available	Decreased

# New York City High School Survey

Trend Analysis Report

led				
Health Risk Behavior and Percentages		Linear Change*	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017	2019 20	21		
Percentage of students who have taken a prescription stimulant without a doctor's prescription or a doctor told them to use it (counting drugs such as Adderall, Ritalin, Concerta, or Vyvanse, one ing the 12 months before the survey)		I		
7.4	8.2 3	9 Decreased, 2017-2021	Not available <sup>§</sup>	Decrease
tercourse was that they did not	orted their primary reason for not using a condom the last time the need a condom because they used another method to prevent preg	orted their primary reason for not using a condom the last time they had need a condom because they used another method to prevent pregnancy (suc	2017-2021	2017-2021 orted their primary reason for not using a condom the last time they had need a condom because they used another method to prevent pregnancy (such

# New York City High School Survey

**Trend Analysis Report** 

<b>1991 1993</b> QN105: Per after the last	ercen				<b>2001</b> used or	2003	2005	or and 2007	Percent	tages 2011	2013	2015	2015			Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
QN105: Pe	ercen	ntage o	f studer	nts who	used or			2007	2009	2011	2013	2015	2015					
						whose						2015	2017	2019	2021			
					ercours								Mornin	g-After	Pill")			
											7.5	8.9	11.9	10.8	16.4	Increased, 2013-2021	Not available <sup>§</sup>	No change
QN106: Pe	ercen	ntage o	f studer	nts who	did not	receive	sex edu	ucation	in their	high scl	hool hea	alth edu	cation c	lass				
														18.4	15.1	No linear change	Not available	No change
QN107: Per	ercen	ntage o	f studer	nts who	did not	receive	sex edu	ication	in their	middle	school l	health e	ducation	n class				
														12.3	16.4	Increased, 2019-2021	Not available	Increased

# New York City High School Survey

Trend Analysis Report

Male Site-Added																	
				Heal	th Risk	Behavi	ior and	Percer	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN109: Perc beans, or othe											reen sala	ad, carr	ots, gree	en			
							29.1	32.4	32.5	28.6	28.5	30.9	25.7	26.2	Decreased, 2007-2021	Increased, 2007-2011 Decreased, 2011-2021	No change
QN111: Perc punch, fruit-f the 7 days bef	avored	drinks,	or suga														
										75.0	72.9	71.9	66.2	70.4	No linear change	Not available <sup>§</sup>	No change
QN113: Perc (during the 12					ever rid	den a bi	cycle ir	one of	the five	e borou	ghs of N	New Yo	rk City				
													42.3	47.0	No linear change	Not available	No change
QN118: Perc	entage o	of stude	nts who	have b	een taug	ght abou	at AIDS	or HIV	infecti	on in sc	chool		76.1	69.3	Decreased, 2019-2021	Not available	Decreased

# New York City High School Survey

Trend Analysis Report

Male Site-A	dded																	
					Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2019-2021</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN120	): Perc	entage	of stude	nts who	) have e	ver been	told by	y a doct	or or a 1	nurse th	at they I	have ast	ihma					
							21.9	22.6	23.6	25.3	26.9	25.7	26.5	26.5	22.3	Increased, 2005-2021	Increased, 2005-2013 No change, 2013-2021	Decreased
			of stude 2 month			episode vey)	of asth	ima or a	n asthn	na attacl	k (amon	ig stude	nts who	have ha	ad			
								24.3	23.7	24.0	26.3	23.7	29.7	26.8	28.8	Increased, 2007-2021	No quadratic change	No change
						ver slept ne 12 mo					uardians	s becaus	e they v	were kic	ked			
													11.0	14.7	8.6	No linear change	Not available <sup>§</sup>	Decreased
QN12	5: Perc	entage	of stude	nts who	have e	ver been	arreste	ed										
														17.1	7.8	Decreased, 2019-2021	Not available	Decreased

# New York City High School Survey

**Trend Analysis Report** 

					Healt	h Risk	Behavi	or and l	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN126	5: Perce	entage o	of stude	nts who	strongl	y agree	or agree	e that th	ey feel	close to	o people	e at their	school	68.2	62.5	No linear change	Not available <sup>§</sup>	No change

## New York City High School Survey

**Trend Analysis Report** 

Femal Injury	-	iolence			Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
						go to scł before tl			ey felt	unsafe a	at schoo	l or on t	their wa	iy to or :	from			
			5.5	9.3	11.2	11.0	9.3	7.6	10.2	8.2	7.9	5.7	7.4	9.3	12.1	No linear change	No quadratic change	No change
or club	o, one or	r more t	imes du 5.1	ring the	e 12 mo 6.4	reatened nths bef 6.0	fore the 5.3	survey) 4.5	5.0	4.8	5.0	4.4	4.3	5.4	3.9	Decreased, 1997-2021	No quadratic change	No change
QN16: survey		ntage of	studen	ts who v	were in	a physic	al fight	(one of	r more t	imes du	uring the	e 12 mo	nths bef	fore the				
			26.3	33.4	33.6	30.5	30.2	27.6	25.7	23.8	20.8	18.8	18.2	17.4	13.1	Decreased, 1997-2021	Increased, 1997-2001 Decreased, 2001-2021	Decreased

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

# New York City High School Survey

Trend Analysis Report

				Heal	th Risk	Behavi	ior and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991 1993	3 199	5 1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
N20: Perc	as kissi		ning, or	being ph	ysically	v forced											
ne or more	, unics (	g	e 12 mo	intris ber	ore the s	survey)							10.6	10.4	No linear change	Not available <sup>§</sup>	No chang

## New York City High School Survey

**Trend Analysis Report** 

0	y and V	iolence			Healt	th Risk	Behavi	or and P	ercen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007 2	2009	2011	2013	2015	2017	2019	2021			
someo with a	ne they n object	were da or wea	ating or pon] on	going c e or mo	out with re times	[counti s during	ng such	ting viole things as months be vey)	being	g hit, sla	ammed	into son	nething	, or inju				
											10.3	12.5	9.3	9.2	7.8	No linear change	Not available <sup>§</sup>	No change
	. Doroo	ntage of	studen	ts who v	were bu	llied on	school	property (	ever	during	tha 12 n					. <u> </u>		
QN23	. reicei						senoor	property		uuring		nonths t	efore the	ne surve	y)			
QN23	. reicei						senoor		11.2	Ũ		17.9			y) 11.0	Increased, 2009-2021	Increased, 2009-2015 Decreased, 2015-2021	Decreased
QN24	: Percei	•			were ele	ectronica	ally bull		11.2 ting b	11.8	15.5	17.9	16.2	18.0	11.0	,		Decreased

## **New York City High School Survey**

**Trend Analysis Report** 

Femal Injury	le y and V	iolence																
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							less (alr ths befo			for >=2	e weeks	in a rov	v so that	t they st	opped			
				40.3	39.6	39.3	40.3	39.1	34.4	33.0	33.9	37.7	38.6	43.7	48.4	No linear change	Decreased, 1999-2013 Increased, 2013-2021	Increased
QN26	: Perce	ntage of	fstuden	ts who s	seriousl	y consid	dered at	temptin	g suicid	le (durir	ng the 1	2 month	ns before	e the sur	rvey)			
			22.5	20.2	18.9	17.8	20.0	15.4	16.6	14.9	16.4	18.3	19.1	17.4	20.6	No linear change	Decreased, 1997-2011 Increased, 2011-2021	No change
QN28 survey		ntage of	fstuden	ts who a	actually	attemp	ted suic	ide (one	e or moi	e times	during	the 12 1	nonths	before t	he			
			10.6	9.4	10.8	11.3	11.8	9.3	10.7	9.4	9.4	10.1	11.3	9.0	10.3	No linear change	No quadratic change	No change

# New York City High School Survey

**Trend Analysis Report** 

Femal Injury		iolence			Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
					had a su					n injury	, poisoi	ning, or	overdos	se that h	ad to			
			3.5	2.8	1.9	2.2	2.0	2.3	3.4	2.8	2.9	2.9	2.8	2.5	2.9	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.

## New York City High School Survey

**Trend Analysis Report** 

					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN30:	Perce	ntage of	fstuden	ts who e	ever trie	ed cigare	ette smo	oking (e	ven one	or two	puffs)			-				
			63.5	63.5	62.0	51.7	49.9	43.6	35.1	28.8	25.8	20.5	13.4	10.5	8.9	Decreased, 1997-2021	Decreased, 1997-2007 Decreased, 2007-2021	No change
													-		-			
QN31:	Perce	ntage of	fstuden	ts who f	first trie	d cigare	tte smo	king be	fore age	13 yea	rs (ever	n one or	two pu	ffs)				
QN31:	Perce	ntage of	f studen	ts who f	first trie	d cigare	tte smo	king be	fore age	e 13 yea	ırs (ever	n one or	two pu	ffs) 4.5	3.6	No linear change	Not available <sup>§</sup>	No change
QN32:	Perce					d cigare y smoke				-	-			4.5	3.6	No linear change	Not available <sup>§</sup>	No change
-	Perce									-	-			4.5	3.6	No linear change Decreased, 1997-2021	Not available <sup>§</sup> Decreased, 1997-2013 Decreased, 2013-2021	No change No change
QN32: survey QNFR	Percer ) CIG: F	ntage of	f studen 23.9 ge of st	ts who o 25.7	currently 18.7	y smoke	ed cigaro 12.0	ettes (or 8.6	n at leas 7.9	t 1 day 7.9	during t 7.0	the 30 d 4.7	ays bef 3.4	4.5 ore the 2.2	1.4	Decreased,	Decreased, 1997-2013	

<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.

Female

## New York City High School Survey

**Trend Analysis Report** 

Femal Tobac	e co Use																	
					Heal	th Risk	Behavi	or and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QNDA the sur		Percei	ntage of	student	s who c	currently	v smoke	d cigar	ettes da	ily (on ε	ıll 30 da	iys durii	ng the 3	0 days 1	before			
			6.1	5.9	4.5	3.7	2.3	1.5	1.5	1.2	1.0	0.6	0.1	0.2	0.2	Decreased, 1997-2021	No change, 1997-2003 Decreased, 2003-2021	No change
pens, e	e-cigars,	, e-hool		okah pe	ens, and	y used a mods [s												
uuring	the 50 v	uuys oc	fore the	survey	)							16.9	15.5	15.0	14.8	No linear change	Not available <sup>§</sup>	No change
			age of st fore the			rrently u	ised ele	ctronic	vapor p	roducts	frequer	ntly (on	20 or m	ore day	/S			
												1.4	1.6	2.4	1.7	No linear change	Not available	No change

# New York City High School Survey

Trend Analysis Report

Female Tobacco Us	se																	
					Healt	h Risk	Behavi	or and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2019-2021</b> <sup>†</sup>
1991 199	3 1995	5 199	7 19	999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QNDAYEV days before			of stu	udents	s who c	urrently	v used e	electron	ic vapo	r produo	ets daily	(on all	30 days	s during	the 30			
												0.7	1.2	1.4	1.1	No linear change	Not available <sup>§</sup>	No change
QNTB5: Po during the 3					curren	tly smo	ked ciga	arettes o	or used	electror	nic vapo	-			-			
												18.0	16.3	14.7	14.4	No linear change	Not available	No change
QN38: Pero the 30 days				vho cu	urrently	smoke	d cigars	s (cigar	s, cigar	illos, or	little cig	gars, on	at least	1 day c	luring			
											6.3	3.4	3.5	3.3	2.1	Decreased, 2013-2021	Not available	No change
QNFRCGR or more day							moked	cigars	frequen	tly (ciga	ars, ciga	rillos, o	or little o	cigars, o	n 20			
											0.6	0.4	0.4	0.4	0.7	No linear change	Not available	No change

# New York City High School Survey

Trend Analysis Report

					Healt	h Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
-		entage	of stude	nts who	curren	tly smo	ked ciga	arettes o	or cigars	s (on at	least 1 c	lay duri	ng the 3	0 days	before			
QNTB2		entage	of stude	ents who	curren	tly smo	ked ciga	arettes o	or cigars	s (on at		-	C	-			N	
-		entage	of stude	ents who	curren	tly smo	ked ciga	urettes o	or cigars	s (on at	least 1 c	lay duri 5.9	ng the 3 4.6	30 days 3.8	before 1.9	Decreased, 2013-2021	Not available <sup>§</sup>	No chang
he sur	vey)	: Perce	ntage of	f studen	ts who o	-	ked ciga y smoke				10.1	5.9	4.6	3.8	1.9		Not available <sup>§</sup>	No change
he sur	vey)	: Perce		f studen	ts who o	-					10.1	5.9	4.6	3.8	1.9		Not available <sup>§</sup>	No chang

## New York City High School Survey

Trend Analysis Report

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN40	Perce	ntage of	f studen	ts who l	had thei	r first dı	rink of a	lcohol	before a	ige 13 y	vears (ot	her thar	a few	sips)				
												17.4	17.0	18.5	17.9	No linear change	Not available <sup>§</sup>	No change
ON41	Damaa	ntogo of	fatudan	to who		. deamle	alaabal	(at 120)	t one de	rink of a	lachal	on of lo	oot 1 do	. dunin	a tha			
-		ntage of e the su		ts who d	currentl	y drank	alcohol	(at leas	t one di	rink of a	alcohol,	on at le	ast 1 da	y durin	g the			
-		0		ts who o 35.1	currently 41.6	y drank 36.3	alcohol 34.8	(at leas 34.5	st one dr 33.4	rink of a 32.6	alcohol, 26.5	on at le 23.8	ast 1 da 20.4	y during 21.9	g the 15.1	Decreased, 1997-2021	No change, 1997-2009 Decreased, 2009-2021	Decreased
30 day QN42 were f	s before Percer emale o	e the sur ntage of or five o	rvey) 37.4 f studen	35.1 ts who d	41.6	-	34.8	34.5	33.4 (had fou	32.6 Ir or mo	26.5	23.8	20.4	21.9 a row if	15.1	,		Decreased

## New York City High School Survey

Trend Analysis Report

Femal Alcoh	-	Other I	Orug Us	se														
					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN46:	Percer	ntage of	studen	ts who	tried ma	rijuana	for the	first tim	ne befor	e age 13	3 years							
			5.5	5.2	6.2	5.3	4.5	3.8	4.8	5.2	4.2	4.8	4.9	4.0	4.4	No linear change	No quadratic change	No change
QN47:	Perce	ntage of	studen	ts who	currentl	y used r	narijuar	na (one	or more	times o	luring t	he 30 da	ays befo	ore the s	urvey)			
			12.0	15.0	16.3	14.2	10.4	11.0	12.9	15.7	14.8	15.8	16.4	17.7	13.9	Increased, 1997-2021	Decreased, 1997-2007 Increased, 2007-2021	No change
QN48:	Perce	ntage of	studen	ts who	ever use	ed synth	etic ma	rijuana	(one or	more ti	mes dur	ing thei	r life)					
												3.9	4.0	7.9	4.6	Increased, 2015-2021	Not available <sup>§</sup>	Decreased
			studen their lif		ever use	ed cocai	ne (any	form of	f cocain	e, inclu	ding po	wder, c	rack, or	freebas	e, one			
			2.4	2.9	2.6	2.9	2.8	2.4	3.0	3.0	2.9	2.7	2.0	2.4	1.5	Decreased, 1997-2021	No change, 1997-2011 Decreased, 2011-2021	No change

# New York City High School Survey

Trend Analysis Report

Femal Alcoh		Other I	Orug Us	e	Hool	th Dielz	Bohovi	ior and	Percen	tagos						Linear Change <sup>*</sup>	Quadratic Change*	Change from
					mean	III INISK	Denavi	ior anu	I er cen	llages						Linear Change	Qualitatic Change	2019-2021 <sup>+</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
-		ntage of heir life		ts who e	ever use	d heroii	n (also c	called "	smack,"	"junk,"	or "Ch	ina Whi	ite," one	e or mor	e			
				0.7	0.5	1.0	0.7	0.6	1.6	1.6	1.4	1.1	1.6	2.1	1.1	Increased, 1999-2021	No quadratic change	No change
					ever use their lif		ampheta	mines	(also cal	lled "sp	eed," "c	rystal m	neth," "c	crank," '	'ice,"			
														2.8	1.3	No linear change	Not available <sup>§</sup>	No change
			student nes duri			ected an	y illega	l drug (	used a r	needle to	o inject	any ille	gal drug	g into th	eir	<u>.                                     </u>		
			0.7	0.4	0.8	0.7	1.1	1.1	2.2	1.5	1.6	1.3	1.4	1.9	0.9	Increased, 1997-2021	Increased, 1997-2009 No change, 2009-2021	No change

## **New York City High School Survey**

**Trend Analysis Report** 

Female
Sexual Behaviors

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN57:	Percei	ntage of	fstuden	ts who	ever had	i sexual	interco	urse										
			33.4	37.2	45.6	41.1	43.1	41.2	34.5	32.1	26.2	24.3	23.4	22.7	18.6	Decreased, 1997-2021	No change, 1997-2005 Decreased, 2005-2021	No change
QN58:	Percei	ntage of	fstuden	ts who	nad sexu	ual inter	course	for the f	first tim	e before	e age 13	years						
			3.7	2.3	5.5	4.3	4.8	3.8	4.1	3.9	2.3	1.5	1.4	1.5	2.8	Decreased, 1997-2021	No quadratic change	No change
QN59:	Percei	ntage of	fstuden	ts who l	nad sexu	ual inter	course	with fou	ar or mo	ore perso	ons duri	ng their	life					
			7.6	6.6	10.1	8.4	11.5	9.0	8.8	7.1	5.5	4.3	3.3	3.2	2.1	Decreased, 1997-2021	No change, 1997-2009 Decreased, 2009-2021	No change
			f studen before th			rrently	sexually	active	(had sez	cual inte	ercourse	with at	least of	ne perso	on,			
			25.5	27.3	34.5	30.8	29.6	31.0	25.2	22.5	18.1	18.5	16.9	16.5	10.6	Decreased, 1997-2021	No change, 1997-2005 Decreased, 2005-2021	Decreased

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

## New York City High School Survey

**Trend Analysis Report** 

Femal Sexua	e l Behav	iors																
					Heal	th Risk	Behavi	ior and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
	Percer urrently				drank al	cohol o	r used d	rugs be	efore las	st sexual	l interco	ourse (ar	nong st	udents v	vho			
			14.6	9.5	10.2	10.1	10.6	10.1	15.1	15.2	14.2	15.3	13.3	16.2	14.2	Increased, 1997-2021	No quadratic change	No change
	Percer ly active		studen	ts who	used a c	ondom	during l	ast sex	ual inter	rcourse	(among	student	s who v	vere cur	rently			
			66.4	59.2	63.1	68.5	62.8	65.0	65.1	59.6	61.3	55.3	50.0	49.0	54.7	Decreased, 1997-2021	No change, 1997-2009 Decreased, 2009-2021	No change
	Percer f they do			ts who	were ev	er tested	l for hu	man im	munode	eficienc	y virus (	(HIV) (1	not cour	nting tes	its			
									17.9	18.6	19.2	20.7	16.9	18.1	9.9	Decreased, 2009-2021	No change, 2009-2015 Decreased, 2015-2021	Decreased
	Percer ydia or g								smitted	disease	(STD)	other th	an HIV,	such as	5			
														15.9	7.8	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased

## New York City High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
	WT: Per on sex-										95th per	rcentile	for bod	y mass :	index,			
				13.2	15.3	15.2	15.1	17.1	16.1	16.4	16.8	17.1	17.8	19.1	17.7	Increased, 1999-2021	No quadratic change	No change
	BESE: I								centile f	or body	7 mass ir	ndex, ba	ised on	sex- and	1			
				5.4	8.4	9.3	8.8	9.1	8.0	9.1	10.3	10.6	10.6	12.0	15.3	Increased, 1999-2021	No quadratic change	Increased
	· Percei	ntage of	studen	ts who c	lid not e	eat fruit	(one or	more t	imes du	ring the	e 7 days	before	the surv	ey)				
QN69	. 1 01001																	

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

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

# New York City High School Survey

**Trend Analysis Report** 

Femal Weigł	le ht Mana	agemen	t and D	lietary	Behavio	ors												
					Healt	th Risk	Behavio	r and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
							can, bottle s during						oke, Pe	psi, or S	prite,			
								23.3	23.1	26.7	31.2	30.9	37.1	37.4	35.3	Increased, 2007-2021	Increased, 2007-2017 No change, 2017-2021	No change
							n, bottle, liet pop, o							er day (	such			
								21.8	21.2	18.5	14.3	15.0	11.8	10.7	12.2	Decreased, 2007-2021	Decreased, 2007-2017 No change, 2017-2021	No change
							n, bottle, liet pop,							oer day (	such			
								15.0	15.9	13.4	9.8	10.0	7.4	7.1	7.7	Decreased, 2007-2021	No quadratic change	No change

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

# New York City High School Survey

**Trend Analysis Report** 

Femal Physic	le cal Acti	vity															
					Healt	th Risk I	Behavior aı	nd Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005 200	2009	2011	2013	2015	2017	2019	2021	-		
of phy		tivity th					active at lea made them										
		5,							33.0	30.6	32.3	32.3	27.3	29.0	No linear change	No quadratic change	No change
day (ir		nd of pl	nysical	activity	that inc		articipate in eir heart rat										
									20.1	21.6	24.3	20.3	24.4	25.9	Increased, 2011-2021	No quadratic change	No change
kind o		al activ					sically active and made										
									15.0	13.5	15.9	15.8	12.3	10.4	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	No change

# New York City High School Survey

Trend Analysis Report

Femal Other	e				Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
			student		saw a de	entist (fo	or a chec	ck-up, e	exam, te	eth clea	aning, o	other o	dental w	ork, du	ring			
												68.4	70.8	71.7	61.1	Decreased, 2015-2021	Not available <sup>§</sup>	Decreased
QNNC work)	DNT:	Percent	age of s	tudents	who ne	ever saw	a denti	st (for a	a check	-up, exa	ım, teeth	cleani	ng, or o	ther den	ital			
												2.5	1.6	1.9	2.1	No linear change	Not available	No change
QN86:	Percer	ntage of	student	ts who g	got 8 or	more ho	ours of s	leep (o	on an av	erage so	chool ni	ght)						
												23.1	22.3	20.1	21.6	No linear change	Not available	No change

# New York City High School Survey

Trend Analysis Report

Femal Site-A					Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			2017-2021
	QN90: Percentage of students who reported in their home people most of the time or always speak a language other than English																	
ulan L	anginshi						47.3	44.7	48.4	48.4	51.5	50.6	51.4	51.7	52.1	No linear change	No change, 2005-2017 No change, 2017-2021	No change
QN91	: Perce	ntage of	fstuden	ts who a	are trans	sgender	-	-					1.1	0.9	2.5	Increased, 2017-2021	Not available <sup>§</sup>	Increased
being		nmed in									ourpose ore time					No linear change	Not available	No change

# New York City High School Survey

Trend Analysis Report

Fema Site-A																		
	Health Risk Behavior and Percentages														Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN95: Percentage of students who did something to purposely hurt themselves without wanting to die (such as cutting or burning themselves on purpose one or more times during the 12 months before the survey)																		
										22.0	19.8	18.9	19.7	20.8	26.6	No linear change	Decreased, 2011-2015 Increased, 2015-2021	Increased
QN96: Percentage of students who usually smoke menthol cigarettes (among students who smoke cigarettes)																		
														38.5	28.3	No linear change	Not available <sup>§</sup>	No change
QN97: Percentage of students who tried an electronic vapor product for the first time before age 13 years (among students who ever tried an electronic vapor product)																		
														18.7	23.8	Increased, 2019-2021	Not available	No change

## New York City High School Survey

Trend Analysis Report

Female Site-A	-				Healt	th Risk	Behavio	or and l	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		2019-2021 *
flavor	(mint o		ol, choc				lavored on namon								nd no			
														92.8	95.1	No linear change	Not available <sup>§</sup>	No change
differe	ntly tha	n how a	a doctor	told the	em to us	se it (cou	scription inting dins before	rugs suc	ch as co						done,			
													6.4	12.6	10.0	Increased, 2017-2021	Not available	No change
differe	ntly tha	n how a	a doctor	told the	em to us		escription escription											
													3.5	3.1	2.5	No linear change	Not available	No change

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

## New York City High School Survey

Femal Site-A																		
					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
than ho	<ol> <li>Perce ow a do during the</li> </ol>	ctor tol	d them	o use it	(counti	ng drug												
than ho	ow a do	ctor tol	d them	o use it	(counti	ng drug										No linear change	Not available <sup>§</sup>	No change

## New York City High School Survey

Trend Analysis Report

Femal Site-A					Heal	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from
																		2019-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							partner g studer						'Mornir	ng-After	Pill")			
											12.7	11.5	15.5	18.3	16.6	No linear change	Not available <sup>§</sup>	No change
QN10	6: Perco	entage o	of stude	nts who	did not	t receive	sex edu	cation	in their	high sc	chool he	alth edu	cation	class				
														21.1	19.8	No linear change	Not available	No change
														21.1	19.0	i to inical change		i to change
QN10'	7: Perce	entage o	of stude	nts who	did not	t receive	sex edu	cation	in their	middle	school	health e	educatio	on class				
														14.7	21.2	Increased, 2019-2021	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.

# New York City High School Survey

Trend Analysis Report

Femal Site-A																		
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
							one or 1 uring the					een sala	ad, carro	ots, gree	en			
								27.8	30.9	31.8	27.9	24.2	27.3	25.1	24.2	Decreased, 2007-2021	No change, 2007-2011 Decreased, 2011-2021	No change
punch,	, fruit-fl	avored		or suga			gar-swe s, not in											
	·		• •								74.0	70.3	66.5	67.0	72.0	No linear change	Not available <sup>§</sup>	Increased
			of stude s before			ever rid	den a bi	cycle ir	one of	the five	e boroug	ghs of N	lew Yo	rk City				
														62.7	67.8	No linear change	Not available	Increased
QN118	8: Perc	entage	of stude	nts who	have b	een taug	ght abou	it AIDS	or HIV	' infecti	on in sc	hool		78.1	72.5	Decreased, 2019-2021	Not available	No change

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

# New York City High School Survey

Trend Analysis Report

Femal Site-A																		
					Heal	th Risk	Behavi	or and	Percer	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN120	): Perc	entage o	of stude	ents who	have e	ver beer	n told by	v a doct	or or a	nurse th	at they I	have ast	thma					
							19.3	21.9	21.1	20.9	23.7	22.8	21.3	22.7	22.2	Increased, 2005-2021	No quadratic change	No change
				nts who s before			e of asth	ma or a	an asthn	na attacl	k (amon	g stude	nts who	have ha	ad			
								25.8	24.7	24.1	27.3	21.0	26.4	22.2	27.0	No linear change	No quadratic change	No change
							t away f onths be				uardians	s becaus	se they v	were kic	ked			
													7.3	9.4	6.2	No linear change	Not available <sup>§</sup>	Decreased
QN125	5: Perc	entage o	of stude	ents who	have e	ver beer	n arreste	d	-				-					
														8.0	3.3	Decreased, 2019-2021	Not available	Decreased

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

# New York City High School Survey

Female Site-Ad					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN126	: Perce	entage o	of stude	nts who	strongl	ly agree	or agre	e that th	ney feel	close to	o people	at their	r school					
														62.9	55.3	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
QN127 talk to i					reporte	ed there	is at lea	st one t	eacher	or other	adult ir	n their s	chool th	at they	can	•		
				-										63.5	55.9	Decreased, 2019-2021	Not available	Decreased

## New York City High School Survey

White Injury	* v and V	iolence																
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
						go to scl before ti			ey felt	unsafe a	at schoo	l or on t	heir wa	y to or i	from			
			4.1	7.6	14.4	9.3	5.6	5.9	3.5	4.4	5.1	5.2	6.3	9.5	18.9	No linear change	No change, 1997-2015 Increased, 2015-2021	No change
						eatened nths bef				pon on s	school p	roperty	(such a	s a gun,	, knife,			
			5.1	12.5	8.4	10.1	7.7	6.7	5.2	4.6	4.7	6.0	5.9	7.9	3.5	Decreased, 1997-2021	No quadratic change	Decreased
QN16 survey		ntage of	studen	ts who v	were in	a physic	al fight	(one of	r more t	imes du	iring the	12 mo	nths bef	fore the				
			34.2	43.8	44.4	36.7	35.9	27.3	27.4	21.5	21.7	20.2	20.0	16.9	14.0	Decreased, 1997-2021	Increased, 1997-2001 Decreased, 2001-2021	No change

## New York City High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
N20:	Percer	ntage of	student	s who e	xperien	ced sex												
ich th	ings as	kissino	touchi						0	2	2			0.5	0			
	U	C	.,	ng, or b	eing phy	ysically ore the s	forced		0	2	2			0.5	0			
	U	C	.,	ng, or b	eing phy	ysically	forced		0	2	2			0.5	0	No linear change	Not available <sup>¶</sup>	No chang
ne or	more ti	imes du	ring the	ng, or b 12 mon	eing phy ths befo	ysically ore the s	forced survey)	to have	sexual	interco	urse] tha	at they c	lid not v	9.3	do, 6.8	No linear change	Not available <sup>¶</sup>	No chang
QN21: going onterco	Percer put with urse] th	ntage of n to do s nat they	student sexual the	ng, or b 12 mon s who e iings [co want to	eing phy ths before experien ounting do, one	ysically	forced survey) ual dati ings as e times	to have ng viol kissing during	ence (be , touchin the 12 r	intercou eing for ng, or b months	urse] that ced by s eing phy	omeone	they w	9.3 vere dati to have	do, 6.8 ing or sexual	No linear change	Not available¶	No chang

## New York City High School Survey

**Trend Analysis Report** 

White Injury	* y and V	iolence																
					Healt	th Risk	Behavi	or and P	ercen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
someo with a	ne they n object	were da or wea	ating or pon] on	going o e or mo	out with ore times	[counti s during	ng such	ating viole things as months be vey)	bein	g hit, sl	ammed	into sor	nething	, or inju				
											9.2	8.7	4.9	10.2	2.4	No linear change	Not available <sup>¶</sup>	Decreased
QN23	: Percer	ntage of	studen	ts who v	were bu	llied on	school j	property (	(ever	during	the 12 r	nonths l	before t	he surve	ey)			
									11.4	12.7	16.0	17.4	18.4	16.4	7.5	No linear change	Increased, 2009-2017 Decreased, 2017-2021	Decrease
								ied (coun before th			ullied th	rough to	exting,	Instagra	m,			
										13.4	13.7	12.7	16.1	14.0	16.7	No linear change	No quadratic change	No change

<sup>\*</sup>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.

## New York City High School Survey

White Injury		iolence																
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							less (aln ths befo			for >=2	weeks	in a rov	v so that	they st	opped			
				28.4	32.0	31.1	24.9	26.3	27.1	25.6	22.3	29.7	29.4	30.6	28.8	No linear change	No quadratic change	No change
QN26:	Percer	ntage of	studen	ts who s	seriously	y consid	lered att	empting	g suicid	e (durir	ig the 12	2 month	s before	the sur	rvey)			
			17.2	17.5	12.9	15.4	15.1	9.7	13.6	11.1	11.9	14.6	14.6	12.1	10.9	Decreased, 1997-2021	No quadratic change	No change
QN28: survey		ntage of	studen	ts who a	actually	attemp	ed suici	ide (one	or mor	e times	during	the 12 r	nonths l	before th	he			
			5.9	4.9	5.6	7.4	7.3	4.0	5.5	4.7	4.8	7.1	8.2	5.8	7.2	No linear change	No quadratic change	No change

## New York City High School Survey

White Injury		iolence																
					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
								nat resul e the su		n injury	, poiso	ning, or	overdo	se that h	ad to			
			1.1	1.9	1.4	1.3	2.7	1.1	1.5	1.8	1.5	2.6	2.7	1.7	2.5	No linear change	No quadratic change	No change

## **New York City High School Survey**

**Trend Analysis Report** 

White <sup>s</sup> Tobac	* co Use																	
					Heal	th Risk	Behav	ior and	Percen	ntages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN30:	Percei	ntage of	fstuden	s who	ever trie	d cigar	ette smo	oking (e	ven one	e or two	puffs)							
			64.9	72.1	64.6	59.7	58.0	56.3	44.3	41.1	35.8	29.5	20.4	18.3	14.7	Decreased, 1997-2021	Decreased, 1997-2007 Decreased, 2007-2021	No change
ON31:	Percei	ntage of	fstuden	s who	first trie	d cigare	ette smo	king be	fore age	e 13 vea	ars (ever	n one or	two pu	ffs)		·		
QN31:	Percei	ntage of	fstuden	ts who t	first trie	d cigare	ette smo	king be	fore age	e 13 yea	ars (ever	n one or	two pu	ffs) 5.0	4.2	No linear change	Not available¶	No change
QN32:	Percer		f student			_								5.0	4.2	No linear change	Not available¶	No change
QN32:	Percer					_								5.0	4.2	No linear change Decreased, 1997-2021	Not available <sup>¶</sup> Decreased, 1997-2015 Decreased, 2015-2021	
QN32: survey QNFR	Percer	ntage of Percenta	f student 35.8 ge of stu	ts who of 36.7	currently 32.1	y smoko 27.3	ed cigar 29.3	ettes (o 21.8	n at leas 15.3	st 1 day 16.9	during 15.2	the 30 d 12.6	lays befo 7.5	5.0 Fore the	2.2	Decreased,	Decreased, 1997-2015	No change No change

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change	<sup>†</sup> Change fron
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QNDA		Percer	ntage of	student	s who c	urrently	smoke	d cigare	ettes dai	ly (on a	ull 30 da	iys duri	ng the 3	0 days l	before			
			12.7	11.9	17.1	8.8	12.1	5.8	3.5	5.5	3.2	2.2	1.0	0.6	0.0	Not available	Not available <sup>¶</sup>	Not available
bens, e	e-cigars	, e-hool		okah pe	ns, and		n electr such as .									Decreased, 2015-2021	Not available	Decreased
oens, e luring	e-cigars, the 30 EVP: I	, e-hool days be Percenta	cahs, ho fore the	okah pe survey udents	ns, and	mods [s		IUUL,	ŠМО́К,	Suorin	, Vuse,	and blu 24.9	], on at 27.5	least 1 d	day 12.1	,	Not available	Decrease

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

Tobacco Use	•																
				Healt	th Risk	Behavi	or and I	Percenta	ages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QNDAYEVI lays before t			student	ts who c	currently	y used e	lectroni	c vapor j	products	daily (	on all	30 days	during	the 30			
		,,									2.8	2.8	4.2	2.4	No linear change	Not available <sup>¶</sup>	No change
QNTB5: Per luring the 30					tly smol	ked ciga	arettes o	r used el	lectronic	c vapor j	produc	ets (on	at least	1 day			
-											28.3	27.4	18.6	13.3	Decreased, 2015-2021	Not available	No change
															2013-2021		
				currently	y smoke	d cigars	s (cigars	, cigarill	los, or lit	ttle ciga	urs, on	at least	1 day d	luring			
				currently	y smoke	d cigars	s (cigars	, cigarill	los, or lit	-	urs, on 7.8	at least 6.8	1 day d 5.3	luring 1.2	Decreased, 2013-2021	Not available	Decreased
QN38: Perce the 30 days b QNFRCGR: or more days	efore the Percenta	e survey	r) tudents	who cu	rrently s					9.7	7.8	6.8	5.3	1.2	Decreased,	Not available	Decreased

<sup>\*</sup>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.

## New York City High School Survey

White* Tobacco Use								_									
				Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QNTB2: Pero the survey)	centage	of stude	ents who	o curren	tly smo	ked cig	arettes	or cigar	s (on at	least 1	day duri	ng the 3	30 days	before			
uie suivey)										17.6	15.7	8.8	6.7	3.0	Decreased, 2013-2021	Not available <sup>¶</sup>	No change
QNDAYCGR days during th					currentl	y smok	ed ciga	rs daily	(cigars,	cigarill	los, or li	ttle ciga	urs, on a	11 30			
days during u	ie 50 ua	ys beror	e uie si	nvey)						0.8	0.2	1.2	0.3	0.0	Not available	Not available	Not available

## New York City High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN40	Percer	ntage of	studen	ts who l	nad thei	r first di	ink of a	lcohol	before a	nge 13 y	vears (ot	her thar	n a few	sips)				
												14.0	14.6	17.1	11.2	No linear change	Not available <sup>¶</sup>	Decreased
				ts who o	currently	y drank	alcohol	(at leas	t one di	rink of a	alcohol,	on at le	ast 1 da	y durin	g the			
		ntage of e the sur		ts who o	currently 59.9	y drank 51.1	alcohol 52.3	(at leas 49.8	t one dr 42.1	rink of a 40.2	alcohol, 31.8	on at le 30.2	ast 1 da 27.8	y durin 30.1	g the 16.5	Decreased, 1997-2021	Decreased, 1997-2007 Decreased, 2007-2021	Decrea
30 day QN42 were f	s before Percer emale o	e the sur	student r more of	55.1 ts who c lrinks o	59.9	51.1 y were t		49.8 nking (	42.1	40.2	31.8	30.2	27.8 ohol in	30.1 a row it	16.5		,	Decreas

\*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.

## New York City High School Survey

**Trend Analysis Report** 

White Alcoh		Other I	Orug Us	e					_									
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN46	Percer	ntage of	studen	ts who t	tried ma	rijuana	for the	first tim	e befor	e age 13	3 years							
			6.5	7.5	7.4	6.5	8.1	4.2	4.8	6.0	6.4	5.8	6.6	4.0	0.8	Decreased, 1997-2021	No quadratic change	Decreased
QN47:	Percei	ntage of	studen	ts who o	currentl	y used r	narijuar	a (one	or more	times c	luring th	ne 30 da	iys befo	re the si	urvey)			
			20.6	21.6	24.5	19.5	21.3	19.1	16.7	19.8	18.5	18.9	19.0	16.4	10.6	Decreased, 1997-2021	No quadratic change	Decreased
QN48	Percei	ntage of	studen	ts who o	ever use	ed synth	etic mar	ijuana	(one or	more tii	mes dur	ing thei	r life)					
												4.9	5.8	9.0	2.5	No linear change	Not available <sup>¶</sup>	Decreased
			studen their lif		ever use	d cocai	ne (any	form of	f cocain	e, inclu	ding po	wder, cı	rack, or	freebase	e, one			
			4.6	7.3	5.2	7.5	9.1	6.1	4.9	4.3	5.9	5.6	4.3	3.3	0.6	Decreased,	No change, 1997-2017	Decreased

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

White Alcoh		Other I	Orug Us	se														
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
		ntage of heir life		ts who e	ever use	d heroii	n (also c	alled "	smack,"	"junk,"	or "Ch	ina Whi	te," one	e or mor	e			
				2.0	0.3	2.2	3.8	2.1	1.9	1.5	2.9	2.0	3.4	3.7	0.8	No linear change	No quadratic change	Decreased
		ntage of e or mor					ampheta	mines	(also cal	led "spe	eed," "c	rystal m	eth," "c	crank," '	'ice,"			
														3.7	0.0	Decreased, 2019-2021	Not available <sup>¶</sup>	Decreased
		ntage of nore tin				ected an	y illega	l drug (	used a r	needle to	o inject	any ille	gal drug	g into th	eir			
			1.3	1.2	1.0	1.8	2.7	2.2	1.7	1.4	2.7	3.2	2.2	2.5	0.0	No linear change	No change, 1997-2017 Decreased, 2017-2021	Decreased

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

White Sexua	* l Behav	iors																
					Heal	th Risk	Behavi	ior and	Percen	ntages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN57:	Percei	ntage of	studen	ts who	ever had	l sexual	interco	urse										
			25.1	34.3	38.5	35.5	38.8	34.7	27.5	25.9	24.9	22.8	18.2	17.6	13.4	Decreased, 1997-2021	Increased, 1997-2005 Decreased, 2005-2021	No change
QN58:	Percei	ntage of	studen	ts who l	had sexu	ual inter	course	for the	first tim	e before	e age 13	years						
			2.6	3.8	2.4	4.1	4.7	4.8	2.3	2.4	3.5	1.3	1.7	1.6	1.8	No linear change	No quadratic change	No change
QN59:	Percei	ntage of	studen	ts who l	had sexu	ual inter	course	with fo	ur or mo	ore pers	ons duri	ng their	r life					
			5.9	8.7	13.5	8.6	11.9	8.9	7.9	6.8	6.1	5.3	2.9	4.3	0.0	Not available	Not available <sup>¶</sup>	Not available
	Percent the 3 m					rrently	sexually	active	(had se	xual into	ercourse	e with a	t least o	ne perso	on,			
			18.8	23.3	30.2	25.1	25.4	22.3	20.7	18.2	18.0	17.1	13.1	12.2	8.5	Decreased, 1997-2021	Increased, 1997-2001 Decreased, 2001-2021	No change

<sup>\*</sup>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.

## New York City High School Survey

White Sexua	e* 11 Behav	viors																
					Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
	: Perce			ts who	were ev	er tested	l for hu	man im	munode	ficiency	y virus (	(HIV) (1	not cour	nting tes	ts			
done	n they u	onated	0100 <b>u</b> )						7.7	11.5	11.6	12.6	10.6	15.1	3.3	No linear change	No change, 2009-2015 Decreased, 2015-2021	Decreased
	: Perce ydia or								smitted	disease	(STD) o	other th	an HIV,	, such as	5			
		5010111		ing the	12 1101									14.6	2.2	Decreased, 2019-2021	Not available <sup>¶</sup>	Decreased

## New York City High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
			e of stuc specifi									centile	for bod	y mass i	index,			
				15.0	10.8	15.0	11.8	14.4	9.7	15.0	14.1	9.5	11.1	12.0	11.1	No linear change	No quadratic change	No change
			nge of st e data fr						entile f	or body	mass in	idex, ba	sed on s	sex- and	1	·		
					2000 Cl				entile fo 7.6	or body 8.6	mass in 7.4	ndex, ba	sed on s 8.7	sex- and 7.9	1 15.8	No linear change	No quadratic change	No ch
ige-sp	ecific re	eference		om the 8.0	2000 Cl 12.4	DC grov 7.6	wth char 9.1	rts) <sup>¶</sup> 8.2	7.6	8.6	7.4	8.8	8.7	7.9		No linear change	No quadratic change	No char

\*Non-Hispanic.

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

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

<sup>1</sup>Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

## New York City High School Survey

					Healt	th Risk	Behavio	or and	Percer	ntages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							can, bottl s during						oke, Per	osi, or S	prite,			
								27.3	28.4	33.4	37.2	37.9	46.3	45.9	46.6	Increased, 2007-2021	No quadratic change	No chang
							n, bottle liet pop,							er day (	such			-
								24.6	18.4	18.8	14.8	10.6	10.9	9.4	12.5	Decreased, 2007-2021	Decreased, 2007-2017 No change, 2017-2021	No chang
							n, bottle liet pop,							er day (	such			

## New York City High School Survey

nysi	al Acti	vity																
					Heal	th Risk	Behavi	ior and	Percent	ages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
of phy		tivity th							60 minu reathe ha									
	ure sur									44.3	43.5	42.9	48.1	32.0	36.0	No linear change	No quadratic change	No change
lay (ii	any ki	nd of pl		activity					least 60 and mad							· · · · · · · · · · · · · · · · · · ·		_
lay (ii	any ki	nd of pl	hysical	activity												No linear change	No quadratic change	No change
lay (in luring QNPA cind o	any ki the 7 d	nd of pl ays bef Percer cal activ	hysical ore the ntage of	activity survey)	that inc	reased t	heir hea	art rate		e them 12.8	breather 14.6 ites per	hard so 13.7 day on	ome of t 11.7 all 7 da	he time 21.7 ys (in ar	14.7	No linear change	No quadratic change	No chang

## New York City High School Survey

White* Other																	
				Healt	th Risk	Behavi	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN84: Percentiate Percentiate 12 months				aw a de	entist (fo	or a cheo	ck-up, e	exam, te	eth clea	ning, or	other of	lental w	ork, du	ring			
											78.3	78.4	80.1	77.2	No linear change	Not available <sup>¶</sup>	No change
QNNODNT:	Percent	age of s	tudents	who ne	ever saw	v a denti	st (for a	a check-	up, exa	m, teeth	cleani	ng, or o	ther den	ntal			
work)											1.0	1.2	1.8	0.4	No linear change	Not available	No change
QN86: Percer	ntage of	student	s who g	got 8 or	more ho	ours of s	sleep (o	n an ave	erage sc	chool nig	ght)						
											26.8	22.4	20.9	28.2	No linear change	Not available	No change

## New York City High School Survey

White Site-A																		
					Healt	h Risk ]	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN90: than E		ntage of	student	s who r	eported	in their	home p	people r	nost of	the time	e or alwa	ays spea	ak a lan	guage o	ther			
							35.2	38.2	40.0	40.0	40.0	39.1	39.3	42.8	44.4	No linear change	No quadratic change	No change
QN91:	Percer	ntage of	student	s who a	re trans	gender							1.4	2.0	5.7	No linear change	Not available <sup>¶</sup>	No change
being l		med in				d someo d with a										No linear change	Not available	No change
														43.1	36.0	no mear change	not available	no change

## New York City High School Survey

**Trend Analysis Report** 

White Site-A																		
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
								sely hur s during						such as	:			
										17.2	14.5	15.7	15.6	15.5	17.1	No linear change	No quadratic change	No change
			student d an ele					r produc	ct for th	e first t	ime bef	ore age	13 year	s (amor	ıg	· · · · ·		
														20.2	22.2	No linear change	Not available <sup>¶</sup>	No change
flavor		r menth	ol, choc					electron n, alcoho							nd no			
														89.2	100. 0	Increased, 2019-2021	Not available	Increased

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

White <sup>s</sup> Site-A																		
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
liffere	ntly tha	n how a	a doctor	told the	em to us	se it (co	escriptio unting d hs befor	rugs su	ch as co	ne witho odeine,	out a doo Vicodir	ctor's pr 1, OxyC	escripti ontin, H	on or Iydroco	done,			
													7.3	7.6	2.5	Decreased, 2017-2021	Not available <sup>¶</sup>	Decreased
liffere	ntly tha	in how a	a doctor	told the	em to us		rescripti unting d											
													6.3	5.8	1.6	Decreased, 2017-2021	Not available	Decreased
than ho	ow a do	ctor tol	d them		(counti	ng drug	rescripti s such a									·		
													5.8	5.4	2.2	Decreased, 2017-2021	Not available	No change

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

White Site-A																		
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN10	6: Perco	entage o	of stude	nts who	did not	receive	e sex edi	ucation	in their	high sc	hool he	alth edu	cation o	class				
														15.9	15.7	No linear change	Not available <sup>¶</sup>	No change
QN10	7: Perce	entage o	of stude	nts who	did not	receive	e sex edu	ucation	in their	middle	school	health e	ducatio	n class		<u> </u>		_
														12.6	15.3	No linear change	Not available	No change
							one or 1 uring the					een sala	ad, carro	ots, gree	n			
								37.8	41.8	41.5	37.9	35.5	39.1	34.0	34.1	Decreased, 2007-2021	No quadratic change	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.

## New York City High School Survey

**Trend Analysis Report** 

White Site-A																		
					Heal	th Risk	Behavi	or and	Percen	ntages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
punch	fruit-fl	avored		or suga			gar-swee s, not in											
	-		-								67.1	65.5	60.8	57.5	68.8	No linear change	Not available <sup>¶</sup>	No change
				nts who the sur		ever rid	den a bio	cycle ir	n one of	the fiv	e borou	ghs of N	lew Yoi	k City				
(during	g the 12	monu	s before	the sur	vey)									46.4	49.2	No linear change	Not available	No change
QN11	8: Perc	entage (	of stude	nts who	have b	een taug	ght abou	t AIDS	or HIV	/ infecti	on in sc	hool	·					
														82.9	64.4	Decreased, 2019-2021	Not available	Decreased
QN12	): Perc	entage (	of stude	nts who	have e	ver beer	n told by	a doct	or or a l	nurse th	at they	have ast	hma		-			
							18.1	18.7	17.6	15.1	19.6	15.3	16.9	16.8	11.7	No linear change	No quadratic change	No change

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

Site-A	* dded																	
					Heal	th Risk	Behavi	or and	Percen	ntages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
					had an the sur		e of asth	ma or a	n asthn	na attac	k (amon	g studei	nts who	have ha	ıd			
								29.9	20.1	24.3	26.7	21.9	30.7	21.6	20.4	No linear change	No quadratic change	No change
											uardians	becaus	e they v	vere kic	ked			
out, ra							t away f onths be				uardians	becaus	they was they was the	vere kic 9.1	ked 4.9	No linear change	Not available <sup>¶</sup>	No change
	n away,	or wer	e aband	oned (d	uring th	e 12 m		fore the			uardians	becaus	-			No linear change Decreased, 2019-2021	Not available <sup>¶</sup> Not available	No change Decreased
QN12:	n away, 5: Perce	or wer	e aband	nts who	have e	ver beer	onths be	fore the	survey	7)	o people		7.2	9.1 9.7	4.9	Decreased,		

<sup>\*</sup>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.

## New York City High School Survey

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
991	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	2001	<b>2003</b>	<b>2005</b>	2007	2009	<b>2011</b>	<b>2013</b> adult in	2015	2017	<b>2019</b>	2021			
		0	problem		reporte	a there	is at lea	st one te	eacher C	or other	adult in	their so	chool th	at they o	can			

## New York City High School Survey

Black <sup>;</sup> Injury		iolence																
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
						go to sc before t			ey felt	unsafe a	at school	l or on t	heir wa	y to or i	from			
			9.1	8.0	7.6	8.8	10.0	5.8	10.6	9.0	8.9	5.4	8.4	7.8	20.5	No linear change	No quadratic change	Increased
						reatened onths bet 9.5				pon on 7.3	school p 6.6	roperty 6.0	(such a 7.9	s a gun, 8.0	, knife, 11.1	Decreased, 1997-2021	No quadratic change	No change
QN16: survey		ntage of	fstuden	ts who v	were in	a physic	cal fight	(one of	r more t	imes dı	iring the	e 12 mo	nths bef	fore the				
			38.6	39.7	43.5	41.2	37.9	37.9	36.3	33.1	31.0	27.3	28.8	27.5	25.4	Decreased, 1997-2021	No change, 1997-2005 Decreased, 2005-2021	No change

## New York City High School Survey

**Trend Analysis Report** 

Black <sup>:</sup> Injury		iolence																
					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
uch th	nings as	kissing		ng, or b	eing ph	ysically	ual viole forced t survey)											
														9.6	6.4	No linear change	Not available <sup>¶</sup>	No change
QN23:	Perce	ntage of	student	ts who v	were bul	llied on	school p	property	(ever	during t	the 12 n	nonths b	before th	ne surve	y)			
									8.8	10.1	12.5	13.6	14.5	17.9	14.2	Increased, 2009-2021	No quadratic change	No change
							ally bulli months				Illied th	rough te	exting, l	Instagra	m,			
										10.3	8.9	11.1	11.8	14.2	23.0	Increased, 2011-2021	No quadratic change	Increased

<sup>\*</sup>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.

## New York City High School Survey

Black <sup>;</sup> Injury		iolence																
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							less (aln ths befo			for >=2	2 weeks	in a row	v so that	t they st	opped			
				27.0	29.2	30.0	29.7	27.3	25.3	25.5	25.2	27.8	30.1	33.6	42.6	No linear change	Decreased, 1999-2013 Increased, 2013-2021	No change
QN26:	Percer	ntage of	studen	ts who s	seriously	y consid	lered att	emptin	g suicid	e (durir	ng the 12	2 month	s before	e the su	rvey)			
			15.5	9.5	13.8	12.5	16.1	10.2	12.4	10.9	11.7	13.9	15.7	15.6	14.6	No linear change	No change, 1997-2011 Increased, 2011-2021	No change
QN28: survey		ntage of	studen	ts who a	actually	attemp	ted suici	ide (one	or mor	e times	during	the 12 r	nonths	before t	he			
			7.7	3.4	6.2	8.2	9.8	6.5	9.9	9.4	7.3	8.3	11.8	10.2	10.1	Increased, 1997-2021	No quadratic change	No change

## New York City High School Survey

Black <sup>:</sup> Injury	* y and V	iolence																
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
	: Percented by a									n injury	, poisoi	ning, or	overdo	se that h	nad to			
			2.9	1.9	0.8	2.4	2.7	2.0	3.5	3.0	2.6	2.8	3.1	3.5	5.1	Increased, 1997-2021	No quadratic change	No change

## **New York City High School Survey**

**Trend Analysis Report** 

Black <sup>*</sup> Tobac	* co Use																	
					Heal	th Risk	Behav	ior and	l Percer	ntages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN30:	Percei	ntage of	f studen	ts who	ever trie	d cigar	ette smo	oking (e	even one	e or two	puffs)			1				
			56.0	60.2	54.9	47.4	50.4	39.5	28.9	21.5	21.0	17.1	7.8	6.9	8.3	Decreased, 1997-2021	Decreased, 1997-2005 Decreased, 2005-2021	No change
_									efore ag					5.9	7.5	No linear change	Not available¶	No change
QN32: survey		ntage of	fstuden	ts who	currentl	y smok	ed cigar	ettes (o	on at leas	st 1 day	during	the 30 c	lays bef	ore the				
			13.6	16.3	10.8	9.2	7.3	3.0	3.8	4.0	4.0	3.3	2.9	1.9	4.6	Decreased, 1997-2021	No quadratic change	No change
		ercenta le surve		udents	who cur	rently s	moked	cigarett	tes frequ	ently (	on 20 or	more d	ays dur	ing the 3	30			
			4.1	4.2	2.9	2.6	1.4	0.6	0.7	0.9	1.2	0.8	0.4	0.5	0.0	Not available	Not available	Not available

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

Black* Tobacco																		
					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QNDAY		Percer	ntage of	student	s who c	currently	/ smoke	d cigare	ettes dai	ly (on a	ıll 30 da	ys duri	ng the 3	0 days t	before			
			3.3	3.3	2.1	2.3	1.2	0.4	0.6	0.7	1.0	0.7	0.4	0.2	0.0	Not available	Not available <sup>¶</sup>	Not available
bens, e-o	cigars,	, e-hook		okah pe	ens, and	y used a mods [s						and blu	], on at	least 1 d	lay			
												10.6	10.7	10.7	20.6	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.

## New York City High School Survey

**Trend Analysis Report** 

Black* Tobacco	Use																	
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change	<sup>†</sup> Change from
1991 19	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QNDAYI lays befo				f studen	ts who o	currently	v used e	lectroni	ic vapor	r produc	cts daily	(on all	30 days	during	the 30			
												0.7	0.9	0.8	1.3	No linear change	Not available <sup>¶</sup>	No change
						tly smo	ked ciga	arettes o	or used o	electron	nic vapo	r produ	cts (on	at least	1 day			
						tly smo	ked ciga	arettes o	or used o	electron	nic vapor	r produ	cts (on 10.3	at least 9.8	1 day 18.8	No linear change	Not available	No change
QNTB5: during the QN38: P the 30 day	e 30 d	ays be	fore the	ts who	)							11.8	10.3	9.8	18.8	No linear change	Not available	No change
during the	e 30 d	ays be	fore the	ts who	)							11.8	10.3 at least	9.8	18.8	No linear change No linear change	Not available Not available	No change No change
during the	e 30 d Percent tys bef GR: P	ays be tage of fore the ercenta	fore the	ts who or the second se	) currently who cu	y smoke	d cigars	s (cigars	s, cigari	illos, or	little cig 5.9	11.8 gars, on 4.2	10.3 at least 4.4	9.8 1 day d 5.3	18.8 uring 9.6			

<sup>\*</sup>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.

#### New York City High School Survey

Black* Tobacco	o Use				Heal	th Risk	Behav	ior and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change	† Change from
<b>1991</b>	1993	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	2003	2005	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>	<b>2015</b>	2017	<b>2019</b>	2021			
the surve		entage	of stude	ents wh	o currer	niy shie	Keu eig	arettes		s (on at	7.0	5.0	3.8	3.7	7.7	Decreased, 2013-2021	Not available <sup>¶</sup>	No change
QNDAY lays dur						current	ly smok	ted ciga	rs daily	(cigars,	cigarill 0.3	os, or li 0.7	ttle ciga 0.5	ars, on a 0.3	.ll 30 0.0	Not available	Not available	Not available

#### New York City High School Survey

**Trend Analysis Report** 

			Orug Us		Healt	th Risk	Behavi	ior and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change $^{\dagger}$	Change fron
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN40	Percer	ntage of	fstuden	ts who l	nad their	r first dı	rink of a	alcohol	before a	ige 13 y	vears (ot	her thar	a few s	sips)				
												20.9	18.8	20.5	12.0	No linear change	Not available <sup>¶</sup>	No change
				ts who d	currently	y drank	alcohol	(at leas	st one di	rink of a	alcohol,	on at le	ast 1 da	y durin	g the			
		ntage of e the su	rvey)		-													
				ts who o 26.0	currently 35.7	y drank 29.2	alcohol 29.0	(at leas	st one di 28.6	rink of a 29.1	alcohol, 23.5	on at le 18.6	ast 1 da 13.6	y during 17.3	g the 10.8	Decreased, 1997-2021	No change, 1997-2011 Decreased, 2011-2021	No change
30 day QN42	s before Percer	e the su	rvey) 32.9	26.0	35.7	29.2 y were t	29.0	26.1	28.6	29.1	23.5	18.6	13.6 ohol in	17.3 a row if	10.8	,		No change
30 day QN42 were f	s before Percer emale o	e the sur	rvey) 32.9	26.0 ts who d drinks o	35.7 currently	29.2 y were t	29.0	26.1	28.6	29.1	23.5	18.6	13.6 ohol in	17.3 a row if	10.8	,		No chang

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

Black Alcoh		Other I	Orug Us	se .														
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN46	Perce	ntage of	studen	ts who t	tried ma	rijuana	for the	first tim	e befor	e age 13	3 years							
			9.8	7.5	10.4	9.1	7.3	7.3	8.7	7.3	8.0	6.6	6.3	7.9	7.2	No linear change	No quadratic change	No change
QN47	Percer	ntage of	studen	ts who o	currentl	y used r	narijuan	a (one	or more	times c	luring th	ne 30 da	iys befo	ore the su	urvey)			
			17.1	19.1	19.4	17.2	13.7	13.3	17.1	18.0	16.8	17.4	15.4	20.0	13.4	No linear change	No change, 1997-2017 Increased, 2017-2021	No change
QN48	Perce	ntage of	studen	ts who o	ever use	ed synth	etic mar	rijuana (	(one or	more tii	mes dur	ing thei	r life)					
												4.3	4.4	8.4	5.5	Increased, 2015-2021	Not available <sup>¶</sup>	No change
			studen their lif		ever use	ed cocai	ne (any	form of	fcocain	e, inclu	ding po	wder, ci	rack, or	freebase	e, one			

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

Black Alcoh		Other I	Drug Us	se														
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
		ntage of heir life		ts who e	ever use	ed heroi	n (also c	called "s	smack,"	"junk,"	or "Ch	ina Whi	te," one	or mor	e	,		
				0.3	0.6	1.2	1.8	0.8	1.9	2.4	2.2	1.6	3.4	5.1	6.6	Increased, 1999-2021	No quadratic change	No change
		ntage of e or mo				ed metha	ampheta	mines (	also cal	lled "sp	eed," "c	rystal n	neth," "c	rank," '	"ice,"			
	,			U		,								4.1	3.3	No linear change	Not available <sup>¶</sup>	No change
		ntage of nore tin				ected an	y illega	l drug (	used a r	needle to	o inject	any ille	gal drug	g into th	eir			
			1.0	0.6	1.0	0.9	1.8	1.4	2.1	2.0	1.9	1.8	2.7	3.4	1.9	Increased, 1997-2021	No quadratic change	No change

<sup>\*</sup>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.

## New York City High School Survey

Black <sup>a</sup> Sexua	* l Behav	iors																
					Healt	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup><math>\dagger</math></sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN57:	Percer	ntage of	studen	ts who	ever had	sexual	interco	urse										
			59.0	60.2	60.2	59.2	59.1	56.6	50.7	45.7	37.4	32.6	32.0	29.1	22.0	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	No change
QN58:	Percer	ntage of	studen	ts who l	nad sexu	al inter	course	for the t	first tim	e before	e age 13	years						
			18.3	14.4	19.5	17.3	16.0	13.4	13.2	9.0	7.6	7.0	5.8	4.4	3.4	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	No change
QN59:	Percer	ntage of	studen	ts who l	nad sexu	al inter	course	with for	ir or mo	ore pers	ons duri	ing their	life					
			26.0	22.4	25.0	25.7	24.5	22.6	21.5	17.6	14.3	11.2	9.0	8.1	0.1	Decreased, 1997-2021	No change, 1997-2009 Decreased, 2009-2021	Decreased
	Percer the 3 m					rrently s	sexually	active	(had se:	xual int	ercourse	e with a	t least o	ne perso	on,			
			40.7	42.7	40.8	42.2	35.4	39.4	35.3	30.3	23.7	22.4	18.8	17.7	18.6	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	No change

#### New York City High School Survey

Sexual Beh	14 / 10	015			Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change fron
1991 199	)3	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
				s who v	vere ev	er testec	l for hu	man im	munode	ficienc	y virus (	(HIV) (I	not cour	ting tes	ts			
N82: Perolone if they				s who v	vere ev	er testec	l for hu	man im	munode 23.4	eficiency 27.5			not cour 21.7		ts 11.4	No linear change	No quadratic change	Decrea

#### New York City High School Survey

**Trend Analysis Report** 

0		0	t and D	U			Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							ight (>= he 2000					centile	for bod	y mass i	index,			
				16.8	15.2	16.7	16.1	17.3	19.0	16.0	18.5	17.7	17.4	17.3	22.6	No linear change	No quadratic change	No chang
							y (>= 95 wth char		entile f	or body	mass in	ıdex, ba	sed on	sex- and	1	· · · · · ·		
				10.1	11.7	14.9	11.8	12.5	12.6	13.8	14.0	14.1	16.1	17.2	10.8	Increased, 1999-2021	No quadratic change	No change
QN69	Percer	ntage of	student	ts who a	lid not e	eat fruit	(one or	more ti	mes du	ring the	7 days	before t	he surv	ey)				
				23.8	27.3	25.5	25.1	21.8	24.3	22.6	22.5	22.7	25.6	28.0	12.7	No linear change	Decreased, 1999-2013 Increased, 2013-2021	Decrease

\*Non-Hispanic.

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

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

<sup>1</sup>Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

## New York City High School Survey

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
						drink a o ore time							oke, Per	osi, or S	prite,			
								22.2	18.3	25.6	27.0	25.6	31.6	35.0	35.8	Increased, 2007-2021	No quadratic change	No change
						ank a ca oda or c							times p	er day (	such			
IS CO								22.7	24.8	22.4	15.7	19.8	18.9	14.8	6.0	Decreased, 2007-2021	No quadratic change	Decreased
IS CO																		
QNSC						ank a ca oda or c							times p	er day (	such			

## New York City High School Survey

Black Physic	* cal Acti	vity															
					Healt	th Risk ]	Behavior a	nd Perce	ntages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005 20	07 2009	2011	2013	2015	2017	2019	2021			
of phy		tivity th					active at le l made the										
									39.6	37.8	43.8	40.6	33.5	26.0	No linear change	No change, 2011-2017 Decreased, 2017-2021	No change
day (ii		nd of pł	nysical a	activity			articipate i ieir heart ra								•		
Ľ									20.2	19.1	21.5	19.1	24.7	28.1	Increased, 2011-2021	No quadratic change	No change
kind o		al activ					sically acti e and mad										
				-	-				21.0	21.4	24.6	21.5	16.2	10.8	Decreased, 2011-2021	Increased, 2011-2015 Decreased, 2015-2021	No change

## New York City High School Survey

Black <sup>*</sup> Other																		
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
			student		saw a de	entist (fo	or a cheo	ck-up, e	exam, te	eth clea	ning, o	other of	dental w	ork, du	ring			
												68.5	63.9	62.2	60.7	Decreased, 2015-2021	Not available <sup>¶</sup>	No change
QNN( work)	DNT:	Percent	age of s	students	who ne	ever saw	/ a denti	st (for a	t check-	up, exa	m, teeth	cleani	ng, or o	ther den	ital			
,												3.5	2.3	4.1	1.9	No linear change	Not available	No change
QN86	Percei	ntage of	student	ts who g	got 8 or	more ho	ours of s	sleep (o	n an ave	erage sc	chool ni	ght)						
												22.1	21.8	20.5	17.6	No linear change	Not available	No change

## New York City High School Survey

**Trend Analysis Report** 

Black <sup>:</sup> Site-A																		
					Healt	th Risk	Behavi	ior and	Percer	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN90: than E		ntage of	fstuden	ts who i	eported	l in their	home	people	most of	the time	e or alw	ays spea	ak a lan	guage o	other			
							18.6	19.9	29.1	30.0	34.8	32.5	30.3	31.3	65.5	Increased, 2005-2021	Increased, 2005-2009 No change, 2009-2021	Increased
QN91:	: Perce	ntage of	fstuden	ts who a	are trans	sgender	1	1	·				1.1	0.8	2.4	No linear change	Not available¶	No change
being		nmed in												s such a month				
														49.1	49.3	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.

## New York City High School Survey

**Trend Analysis Report** 

Black Site-A																	
					Heal	th Risk	Behavi	or and Pe	rcentages						Linear Change $^{\dagger}$	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007 2	009 2011	2013	2015	2017	2019	2021	-		
									emselves e 12 month				such as		1		
									16.4	11.9	10.8	13.5	16.1	14.9	No linear change	Decreased, 2011-2015 Increased, 2015-2021	No change
differe	ntly tha	in how a	a doctor	told the	em to us	se it (co	unting d		licine with as codeine ey)					done,			
												7.0	12.5	20.5	Increased, 2017-2021	Not available <sup>¶</sup>	No change
differe	ntly tha	in how a	a doctor	told the	em to us		unting d		iazepine w as Xanax,								
												4.0	4.8	8.6	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.

## New York City High School Survey

**Trend Analysis Report** 

Black* Site-A																		
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup><math>\dagger</math></sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
than ho	ow a do	ctor tol		to use it	(counti	ng drug			ulant w rall, Rit									
													4.6	5.6	9.5	No linear change	Not available <sup>¶</sup>	No change
QN106	6: Perce	entage o	of stude	nts who	did not	receive	sex edu	ucation	in their	high sc	hool he	alth edu	ication of	class	-			
														22.1	9.2	Decreased, 2019-2021	Not available	Decreased
QN107	7: Perce	entage o	of stude	nts who	did not	receive	sex edu	ucation	in their	middle	school	health e	educatio	n class				
														14.9	8.5	No linear change	Not available	Decreased

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

## New York City High School Survey

**Trend Analysis Report** 

Black <sup>*</sup> Site-A																		
					Heal	th Risk	Behavi	ior and	Percer	ntages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
				nts who ot count								reen sal	ad, carr	ots, gree	en			
								22.3	24.5	26.2	23.6	20.3	22.8	18.4	38.1	Decreased, 2007-2021	Increased, 2007-2011 Decreased, 2011-2021	Increased
punch,	fruit-fl	avored		or suga										drinks, f e times				
			• •								81.7	75.6	73.7	71.5	72.7	Decreased, 2013-2021	Not available <sup>¶</sup>	No change
				nts who the sur		ever rid	den a bi	cycle ir	one of	the five	e borou	ghs of N	New Yo	rk City				
														54.9	34.7	Decreased, 2019-2021	Not available	Decreased
QN118	8: Perc	entage (	of stude	nts who	have b	een taug	ght abou	it AIDS	or HIV	<sup>7</sup> infecti	on in sc	chool		75.7	76.4	No linear change	Not available	No change

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

Black <sup>:</sup> Site-A																		
					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN12(	): Perc	entage o	of stude	nts who	have ev	ver beer	n told by	v a doct	or or a 1	nurse th	at they	have as	thma					
							21.5	24.7	24.1	25.1	28.5	29.0	27.4	27.8	18.1	Increased, 2005-2021	No quadratic change	No change
				nts who s before			of asth	ma or a	n asthn	na attacl	k (amor	ng stude	nts who	have ha	ıd			
	.,	5				(0))		23.4	24.7	24.2	27.8	25.9	25.3	27.0	11.9	No linear change	No quadratic change	Decreased
				nts who oned (d							uardian	s becaus	se they v	vere kic	ked			
													8.1	13.5	10.2	Increased, 2017-2021	Not available <sup>¶</sup>	No chang
QN12	5: Perc	entage o	of stude	nts who	have ev	ver beer	n arreste	d										
														15.5	10.3	No linear change	Not available	No chang

<sup>\*</sup>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.

## New York City High School Survey

**Trend Analysis Report** 

			Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
centage of	of studer	nts who	strongl	y agree	or agree	e that th	ey feel	close to	o people	at their	school					
												64.2	64.6	No linear change	Not available <sup>¶</sup>	No change
			reporte	d there	is at lea	st one te	eacher o	or other	adult ir	their so	chool th	at they o	can			
' nave a j	problem															
	centage o	centage of studer	centage of students who	<b>1995 1997 1999 2001</b> centage of students who strongl	<b>1995 1997 1999 2001 2003</b> centage of students who strongly agree centage of students who reported there	<b>1995 1997 1999 2001 2003 2005</b> centage of students who strongly agree or agree centage of students who reported there is at leas	<b>1995 1997 1999 2001 2003 2005 2007</b> centage of students who strongly agree or agree that th	<b>1995 1997 1999 2001 2003 2005 2007 2009</b> centage of students who strongly agree or agree that they feel centage of students who reported there is at least one teacher of the students who reported there is at least one teacher of the students who reported the students are students who reported the students are students are students.	centage of students who strongly agree or agree that they feel close to centage of students who reported there is at least one teacher or other	<b>1995 1997 1999 2001 2003 2005 2007 2009 2011 2013</b> centage of students who strongly agree or agree that they feel close to people	<b>1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015</b> centage of students who strongly agree or agree that they feel close to people at their centage of students who reported there is at least one teacher or other adult in their so	<b>1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017</b> centage of students who strongly agree or agree that they feel close to people at their school centage of students who reported there is at least one teacher or other adult in their school th	1995       1997       1999       2001       2003       2005       2007       2009       2011       2013       2015       2017       2019         centage of students who strongly agree or agree that they feel close to people at their school         64.2         centage of students who reported there is at least one teacher or other adult in their school that they	1995       1997       1999       2001       2003       2005       2007       2009       2011       2013       2015       2017       2019       2021         centage of students who strongly agree or agree that they feel close to people at their school         64.2       64.6	1995       1997       1999       2001       2003       2005       2007       2009       2011       2013       2015       2017       2019       2021         centage of students who strongly agree or agree that they feel close to people at their school         64.2       64.6       No linear change         centage of students who reported there is at least one teacher or other adult in their school that they can	1995       1997       1999       2001       2003       2005       2007       2009       2011       2013       2015       2017       2019       2021         centage of students who strongly agree or agree that they feel close to people at their school         64.2       64.6       No linear change       Not available <sup>¶</sup> centage of students who reported there is at least one teacher or other adult in their school that they can

\*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.

## New York City High School Survey

**Trend Analysis Report** 

Hispa Injury		iolence			Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
						go to scl before t			ney felt	unsafe a	at schoo	l or on t	their wa	y to or f	from			
			10.9	13.0	12.5	13.1	9.4	9.5	11.6	11.0	10.1	6.9	9.2	11.1	10.3	Decreased, 1997-2021	No quadratic change	No change
						reatened onths bef				pon on s	school p	oroperty	(such a	is a gun,	, knife,			
			9.8	10.1	8.9	8.4	8.1	7.2	8.9	7.3	8.3	6.2	7.8	8.7	4.6	Decreased, 1997-2021	No quadratic change	Decreased
QN16: survey		ntage of	fstuden	ts who	were in	a physic	cal fight	t (one o	r more t	imes du	iring the	e 12 mo	nths bef	fore the				
			36.5	42.6	39.5	39.6	37.0	37.4	33.8	32.0	28.4	23.9	26.6	22.3	18.0	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	Decreased

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

## New York City High School Survey

Hispa Injury		iolence			Healt	th Risk	Behavio	or and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
such th	nings as	s kissing	g, touchi	ng, or b	eing ph	ysically	ual viole forced t		0	2				0.5	0			
one or	more u	inies du	ring the	12 mon	ths befo	ore the s	urvey)							10.0	9.4	No linear change	Not available <sup>§</sup>	No change
QN21: going ointerco	Perce out with ourse] th	ntage of h to do s hat they	f studen sexual tl did not	ts who e nings [co want to	experien ounting do, one	aced sex such th e or mor	urvey) ual datir ings as k e times nonths b	cissing, during	touchi the 12	ng, or t months	eing ph	ysically	forced	vere dat to have	ing or sexual	No linear change	Not available <sup>8</sup>	No change

# New York City High School Survey

**Trend Analysis Report** 

Hispa Injury	nic 7 and V	iolence																
					Healt	th Risk	Behavio	or and Pe	rcenta	ges						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007 2	009 2	011	2013	2015	2017	2019	2021			
someo with a	ne they n object	were da or wea	ating or pon] on	going o e or mo	out with ore times	[counti s during	ng such	ting viole things as nonths be vey)	being h	it, slan	nmed	into sor	nething	, or inju				
											10.7	12.9	10.5	11.2	9.0	No linear change	Not available <sup>§</sup>	No change
QN23:	Percei	ntage of	studen	ts who	were bu	llied on	school p	property (	ever du	ring th	ie 12 n	nonths b	pefore t	ne surve	y)			
								1	2.2 1	2.7	14.0	14.0	14.9	16.1	10.4	No linear change	Increased, 2009-2017 Decreased, 2017-2021	Decreased
								ied (count before the			lied th	rough te	exting, 1	Instagra	m,			
									1	1.1	11.2	11.3	13.1	13.3	12.7	Increased, 2011-2021	No quadratic change	No change

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

# New York City High School Survey

Hispa Injury	nic 7 and V	iolence																
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
							less (alr ths befo			for >=2	e weeks	in a rov	v so that	t they st	opped			
				36.7	36.7	35.5	37.1	36.7	33.2	30.2	31.8	31.2	34.6	39.2	41.9	No linear change	Decreased, 1999-2015 Increased, 2015-2021	No change
QN26:	Percer	ntage of	studen	ts who s	seriousl	y consid	lered att	temptin	g suicid	e (durir	ng the 12	2 month	s before	e the sur	rvey)			
			15.1	15.2	16.6	13.9	15.2	14.9	15.8	12.1	14.2	14.0	17.5	15.9	16.5	No linear change	No quadratic change	No change
QN28: survey		ntage of	studen	ts who a	actually	attemp	ted suici	ide (one	e or mor	e times	during	the 12 r	nonths	before t	he			
			9.7	8.7	10.2	9.8	10.7	11.6	12.4	9.4	10.3	9.3	11.9	9.4	9.5	No linear change	No quadratic change	No change

## New York City High School Survey

**Trend Analysis Report** 

Hispaı Injury		iolence			Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
					had a sung the 1					n injury	, poisor	ning, or	overdos	se that h	ad to			
			3.3	3.9	2.3	2.0	2.3	2.8	4.2	2.4	3.3	3.2	4.3	2.9	2.9	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.

## New York City High School Survey

**Trend Analysis Report** 

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN30:	Perce	entage o	f studen	ts who e	ever trie	d cigare	ette smo	king (e	ven one	or two	puffs)							
			62.3	63.5	59.7	50.3	48.6	47.5	40.7	33.6	30.4	23.2	18.1	11.3	10.2	Decreased, 1997-2021	Decreased, 1997-2013 Decreased, 2013-2021	No change
						-			-		-	-						
QN31:	Perce	entage o	f studen	ts who f	first trie	d cigare	tte smo	king be	fore age	e 13 yea	rs (ever	n one or	two pu	ffs)				
QN31:	Perce	entage o	f studen	ts who f	îirst trie	d cigare	ette smo	king be	fore age	e 13 yea	rs (ever	1 one or	two pu	ffs) 6.3	4.3	No linear change	Not available <sup>§</sup>	No change
QN32:	Perce		f studen f studen								-			6.3	4.3	No linear change	Not available <sup>§</sup>	No change
	Perce										-			6.3	4.3	No linear change Decreased, 1997-2021	Not available <sup>§</sup> No quadratic change	No change No change
QN32: survey QNFR	Perce ) CIG: I	entage o	f studen 22.9 age of st	ts who o 23.4	currently 16.5	y smoke 15.3	ed cigaro 11.4	ettes (or 9.4	n at leas 11.0	t 1 day 10.3	during t 9.5	the 30 d	ays befo 5.4	6.3 ore the 2.7	1.8	Decreased,		

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

Hispanic

## New York City High School Survey

Hispa Tobac	nic co Use																	
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QNDA the sur		Percer	ntage of	student	s who c	currently	smoke	d cigar	ettes dai	ily (on a	ull 30 da	ys durii	ng the 3	0 days l	before			
			6.1	5.3	2.7	3.1	1.7	1.3	1.8	1.6	1.6	0.8	0.6	0.4	0.2	Decreased, 1997-2021	No quadratic change	No change
pens, e		e-hook	ahs, ho	okah pe	ns, and						cluding , Vuse, ;							
-		-		-								19.1	19.5	18.1	12.7	Decreased, 2015-2021	Not available <sup>§</sup>	Decreased
	EVP: F the 30 d					rrently u	ised elec	etronic	vapor p	roducts	frequen	tly (on	20 or m	ore day	s	-		
												1.8	2.6	2.4	1.7	No linear change	Not available	No change

# New York City High School Survey

Trend Analysis Report

19911993199519QNDAYEVP: Percentag days before the survey)QNTB5: Percentage of s during the 30 days before	1 <b>997 1999</b> age of stude	2001	n Risk Beh 2003 200 urrently use	05 2007			2012					Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from
QNDAYEVP: Percentag days before the survey) QNTB5: Percentage of s					2009	2011	2012							2019-2021 <sup>†</sup>
days before the survey) QNTB5: Percentage of s	age of stude	nts who cu	urrently use	1 1 .			2013	2015	2017	2019	2021			
				a electron	ic vapor j	products	s daily (	(on all	30 days	during	the 30			
								1.2	2.0	1.6	0.9	No linear change	Not available <sup>§</sup>	No change
			ly smoked o	cigarettes of	or used el	lectronic	c vapor	. produc	cts (on	at least	1 day			
								19.6	20.4	17.4	12.4	Decreased, 2015-2021	Not available	Decreased
QN38: Percentage of stu the 30 days before the su		currently	smoked cig	gars (cigar	s, cigarill	los, or li	ittle cig	ars, on	at least	1 day d	uring			
							8.2	6.1	6.3	6.9	2.5	Decreased, 2013-2021	Not available	Decreased
QNFRCGR: Percentage or more days during the 3				ed cigars f	frequentl	y (cigars	s, cigar	rillos, o	r little c	igars, o	n 20			
							1.1	0.8	1.1	0.8	0.8	No linear change	Not available	No change

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

## New York City High School Survey

Hispa Tobac	nic cco Use				Heal	th Risk	Behav	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		2019-2021 *
QNTE the sur	32: Pero rvey)	centage	of stude	ents who	o currer	ntly smo	oked cig	arettes o	or cigars	s (on at	least 1 c	day duri 6.7	ing the 3	30 days 5.6	before 2.8	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
	AYCGR luring th					current	ly smok	ed ciga	rs daily	(cigars,	cigarill 0.7	os, or li 0.6	ittle ciga	ars, on a 0.6	11 30 0.5	No linear change	Not available	No change

## New York City High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN40:	Perce	ntage of	f studen	ts who l	had their	r first dr	ink of a	lcohol l	before a	nge 13 y	ears (ot	her than	a few s	sips)				
												20.2	19.9	21.2	19.1	No linear change	Not available <sup>§</sup>	No change
																No linear change	Not available <sup>§</sup>	No change
		ntage of e the su		ts who c	currently	y drank	alcohol	(at leas	t one dr	rink of a	llcohol,					No linear change	Not available <sup>§</sup>	No change
				ts who c 39.0	currently 42.6	y drank 38.3	alcohol 44.0	(at leas 41.6	t one dr 39.9	rink of a 36.0	llcohol, 29.9					No linear change Decreased, 1997-2021	Not available <sup>§</sup> No change, 1997-2009 Decreased, 2009-2021	No change
30 day QN42:	s before	e the sur	rvey) 40.8	39.0 ts who c	42.6	38.3 y were b	44.0	41.6	39.9	36.0 Ir or mo	29.9 re drink	on at lea 24.3 s of alco	ast 1 da 22.4 ohol in	y during 22.4 a row if	g the 15.2 f they	Decreased,	No change, 1997-2009	
30 day QN42: were f	<ul> <li>Percer</li> <li>emale o</li> </ul>	e the sur ntage of or five of	rvey) 40.8	39.0 ts who c drinks o	42.6 currently	38.3	44.0	41.6	39.9	36.0 Ir or mo	29.9 re drink	on at lea 24.3 s of alco	ast 1 da 22.4 ohol in	y during 22.4 a row if	g the 15.2 f they	Decreased,	No change, 1997-2009	

# New York City High School Survey

Trend Analysis Report

Hispar Alcoho		Other I	Drug Us	se														
					Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN46:	Percer	ntage of	studen	ts who	tried ma	rijuana	for the	first tin	ne befor	e age 13	3 years							
			8.9	7.8	6.8	6.8	7.1	5.4	7.4	8.6	8.8	7.3	8.1	7.7	4.6	No linear change	No quadratic change	Decreased
QN47:	Percer	ntage of	studen	ts who	currentl	y used 1	narijuar	na (one	or more	times c	luring t	he 30 da	ays befo	ore the s	urvey)			
			15.7	18.5	15.8	13.7	12.7	12.0	17.0	21.2	19.0	18.3	19.3	20.2	13.5	No linear change	No quadratic change	Decreased
QN48:	Percer	ntage of	studen	ts who	ever use	ed synth	etic ma	rijuana	(one or	more tii	mes dur	ing thei	r life)					
												7.0	6.4	12.1	5.1	No linear change	Not available <sup>§</sup>	Decreased
		ntage of during			ever use	ed cocai	ne (any	form of	f cocain	e, inclu	ding po	wder, ci	rack, or	freebas	e, one			_
			2.3	1.8	2.7	3.2	3.6	3.5	5.3	5.7	5.9	5.7	4.7	4.9	2.0	Increased, 1997-2021	Increased, 1997-2011 Decreased, 2011-2021	Decreased

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

## New York City High School Survey

**Trend Analysis Report** 

Hispa Alcoh		Other I	Drug Us	se														
					Heal	th Risk	Behavi	or and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
-		ntage of heir life		ts who o	ever use	d heroir	n (also c	alled "	smack,"	' "junk,'	' or "Ch	ina Whi	ite," one	e or mor	e			
				0.7	1.2	1.5	1.3	1.5	3.1	3.0	3.2	3.2	4.2	5.4	1.4	Increased, 1999-2021	Increased, 1999-2009 No change, 2009-2021	Decreased
		ntage of e or mo					ampheta	mines	(also ca	lled "sp	eed," "c	rystal n	neth," "c	crank," '	"ice,"			
														4.9	1.9	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
-		ntage of nore tin			0	ected an	y illega	l drug (	used a 1	needle t	o inject	any ille	gal drug	g into th	eir			
			1.4	0.9	0.9	1.2	1.7	1.8	3.6	2.8	2.7	2.2	2.9	4.2	1.2	Increased, 1997-2021	Increased, 1997-2009 No change, 2009-2021	Decreased

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

## **New York City High School Survey**

**Trend Analysis Report** 

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN57:	Percer	ntage of	student	ts who	ever had	l sexual	interco	urse										
			55.1	52.4	56.2	51.7	51.4	53.1	47.2	46.2	38.1	33.5	34.5	32.6	23.0	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	Decreased
QN58:	Percer	ntage of	studen	ts who l	nad sexu	ual inter	course	for the f	ïrst tim	e before	e age 13	years			:			
			13.3	10.4	13.4	10.5	11.0	10.1	9.9	9.3	6.7	4.9	5.1	4.4	4.1	Decreased, 1997-2021	No change, 1997-2009 Decreased, 2009-2021	No change
QN59:	Percer	ntage of	student	ts who l	nad sexu	ual inter	course	with fou	ir or mo	ore perso	ons duri	ing their	life	-				
			21.2	18.0	21.0	16.2	18.7	16.8	16.7	14.2	12.4	8.8	8.6	6.7	3.7	Decreased, 1997-2021	No change, 1997-2009 Decreased, 2009-2021	Decreased
			student			rrently s	sexually	active	(had sez	xual inte	ercourse	e with at	t least o	ne perso	on,			
			37.6	34.2	41.2	35.9	33.2	37.0	33.1	30.6	25.4	23.3	23.7	22.0	14.1	Decreased, 1997-2021	No change, 1997-2007 Decreased, 2007-2021	Decreased

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

Hispanic

# New York City High School Survey

Trend Analysis Report

Hispa Sexua	nic I Behav	iors																
					Heal	th Risk	Behav	ior and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
			f studen ly activ		drank al	cohol o	r used c	lrugs be	efore las	st sexual	interco	ourse (ai	nong st	udents v	vho			
			15.7	13.2	15.3	15.0	17.1	13.1	19.0	19.5	17.3	18.5	15.5	19.3	11.4	No linear change	No quadratic change	Decreased
	Percei ly active		f studen	ts who	used a c	ondom	during	last sex	ual inter	rcourse	(among	student	ts who v	were cur	rently			
			68.2	67.9	64.7	70.9	69.6	67.5	66.2	61.3	65.4	55.5	52.8	55.4	53.9	Decreased, 1997-2021	No change, 1997-2003 Decreased, 2003-2021	No change
	Percer f they de			ts who	were ev	er tested	l for hu	man im	munode	eficienc	y virus (	(HIV) (I	not cour	nting tes	ts			
									21.6	21.0	25.4	24.7	20.9	24.8	14.6	Decreased, 2009-2021	Increased, 2009-2013 Decreased, 2013-2021	Decreased
			f studen iea (dur						smitted	disease	(STD) o	other th	an HIV,	, such as	3			
														19.9	10.4	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased

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

#### **New York City High School Survey**

**Trend Analysis Report** 

Hispa Weigł		agemen	t and D	Dietary ]			Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
-		0					eight (>= he 2000	1				centile	for bod	y mass i	index,			
				18.9	18.1	17.3	17.7	17.6	18.9	17.3	18.6	17.8	19.8	20.5	18.9	No linear change	No quadratic change	No change
-			0				y (>= 95 wth char		entile f	or body	mass ir	idex, ba	sed on s	sex- and	1			
				10.5	12.0	16.4	13.4	13.7	12.1	14.1	14.6	15.4	16.0	16.1	24.3	Increased, 1999-2021	Increased, 1999-2017 Increased, 2017-2021	Increased
QN69	Percei	ntage of	student	ts who c	lid not e	eat fruit	(one or	more ti	mes du	ring the	e 7 days	before t	he surv	ey)				
				13.5	18.6	19.4	17.9	16.0	21.0	19.4	19.7	20.0	20.3	22.6	19.4	Increased, 1999-2021	No quadratic change	No change

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

<sup>§</sup>Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning

in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

## New York City High School Survey

**Trend Analysis Report** 

Hispa Weigł		agemen	t and D	Dietary	Behavio	ors												
					Healt	th Risk	Behavior	and I	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005 20	007	2009	2011	2013	2015	2017	2019	2021			
	<ul> <li>74: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or Sprite, counting diet soda or diet pop, one or more times during the 7 days before the survey)</li> <li>15.0 19.3 20.3 25.9 24.6 28.5 30.5 29.6 Increased, Increased, 2007-2013 No change</li> </ul>																	
							1:	5.0	19.3	20.3	25.9	24.6	28.5	30.5	29.6	Increased, 2007-2021	Increased, 2007-2013 Increased, 2013-2021	No change
							n, bottle, o liet pop, du							er day (	such			
							27	7.7	25.9	24.6	18.6	16.6	17.1	13.1	14.5	Decreased, 2007-2021	No quadratic change	No change
							n, bottle, o liet pop, du							er day (	such			
							19	9.4	18.7	19.1	12.9	10.8	11.2	8.4	8.8	Decreased, 2007-2021	No quadratic change	No change

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

## New York City High School Survey

**Trend Analysis Report** 

Hispa Physic	nic cal Acti	vity															
					Heal	th Risk l	Behavior ar	nd Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005 200	7 2009	2011	2013	2015	2017	2019	2021	-		
of phy		tivity th					active at leas										
servic	uie sui	(0))							37.2	35.4	34.6	37.1	27.9	33.4	No linear change	No quadratic change	No change
day (ir	ı any ki	nd of pl		activity			articipate in eir heart rat										
									18.9	19.0	21.5	19.5	25.5	20.4	No linear change	No quadratic change	Decreased
kind o		al activ					sically activ e and made										
									19.4	17.7	18.8	20.2	13.4	12.8	Decreased, 2011-2021	No change, 2011-2017 Decreased, 2017-2021	No change

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

# New York City High School Survey

Trend Analysis Report

Hispa Other																		
					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	•		
			student		saw a de	entist (fo	or a chec	k-up, e	exam, te	eth clea	ning, or	other o	lental w	ork, du	ring			
												68.4	70.5	70.6	64.8	No linear change	Not available <sup>§</sup>	Decreased
QNN( work)	DDNT:	Percent	age of s	tudents	who ne	ever saw	a dentis	st (for a	ı check-	up, exa	m, teeth	cleanii	ng, or o	ther den	ital			
work)												2.4	1.6	2.4	2.7	No linear change	Not available	No change
QN86	Percer	ntage of	studen	ts who g	got 8 or	more ho	ours of s	leep (o	n an avo	erage sc	hool ni	ght)						
												26.4	24.5	19.0	24.3	No linear change	Not available	Increased

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

# New York City High School Survey

Trend Analysis Report

Hispanic Site-Added																	
				Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 *
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021			
QN90: Perce than English		f student	ts who r	reported	in their	home j	people 1	most of	the time	e or alw	ays spe	ak a lan	guage o	other			
						68.8	62.7	59.5	57.3	57.2	59.4	60.4	63.3	64.2	No linear change	Decreased, 2005-2011 Increased, 2011-2021	No change
QN91: Perce	entage o	f student	ts who a	are trans	gender			-				1.6	1.7	2.2	No linear change	Not available <sup>§</sup>	No change
QN93: Perce being hit, sla before the su	mmed in							2	1			0 0					
													45.1	40.8	No linear change	Not available	No change

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

# New York City High School Survey

Hispa Site-A																		
					Healt	h Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
							o purpos re times							such as				
										19.4	16.5	16.3	18.7	19.9	20.3	No linear change	No quadratic change	No change
QN96	Percer	ntage of	student	s who u	isually s	moke n	nenthol	cigaret	tes (am	ong stud	lents wł	no smok	te cigare	ettes)				
														42.1	30.3	No linear change	Not available <sup>§</sup>	No change
					ried an o vapor p		ic vapor	r produ	ct for th	ne first t	ime bef	ore age	13 year	s (amor	ng			
														26.8	27.7	No linear change	Not available	No change

# New York City High School Survey

Trend Analysis Report

Hispar Site-A					Healt	th Risk	Behavi	or and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		2019-2021
flavor	(mint o		ol, choo		typically andy, fr									flavor a o use	nd no			
		•	ŗ											92.6	94.8	No linear change	Not available <sup>§</sup>	No change
differe	ntly tha	n how a	a doctor	told the	have tak em to us ing the 1	se it (co	unting d	lrugs su	ch as c					on or Hydroco	done,			
													8.6	13.5	8.3	No linear change	Not available	Decreased
differe	ntly tha	n how a	a doctor	told the		se it (co	unting d							ption or tivan, o				
													5.3	6.3	2.7	Decreased, 2017-2021	Not available	Decreased

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

## New York City High School Survey

Hispa Site-A																		
	Health Risk Behavior and Percentages           1993         1995         1997         1999         2001         2003         2007         2009         2011         2013         2015         2017         2019         20														Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
than he	1: Perce ow a do during th	ctor tole	l them t	o use it	(counti	ng drug												
													6.0	6.2	3.1	No linear change	Not available <sup>§</sup>	Decreased
sexual	3: Perce intercon	urse wa	s that th	ey did 1	not need	l a cond	om bec	ause the	ey used	another	method	d to prev	vent pre	gnancy				
interco		- p, .		paten,	or birth	control	ring, o	r an IUl	D or im	olant, ar	nong st	udents v	who hav	e had se	exual			

# New York City High School Survey

Trend Analysis Report

Hispa Site-A																		
	Health Risk Behavior and Percentages															Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
							partner u g studen						'Mornin	ng-After	Pill")			
											11.3	11.2	16.3	16.1	17.6	Increased, 2013-2021	Not available <sup>§</sup>	No change
QN10	6: Perc	entage o	of stude	nts who	did not	receive	sex edu	cation	in their	high sc	hool he	alth edu	cation o	class				
														21.1	18.4	No linear change	Not available	No change
QN10'	7: Perc	entage o	of stude	nts who	did not	receive	sex edu	cation	in their	middle	school	health e	ducatio	on class				
														13.9	18.5	Increased, 2019-2021	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.

# New York City High School Survey

Trend Analysis Report

Hispaı Site-A																		
					Heal	th Risk	Behavi	ior and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
				ents who								reen sala	ad, carro	ots, gree	en			
								23.6	22.7	23.7	21.4	20.3	21.5	19.1	19.0	Decreased, 2007-2021	No quadratic change	No change
ounch,	fruit-fl		drinks,	ents who or suga														
											76.1	74.2	72.2	69.0	72.9	Decreased, 2013-2021	Not available <sup>§</sup>	No change
				ents who e the sur		ever rid	den a bi	cycle ir	one of	the fiv	e borou	ghs of N	lew Yo	rk City				
														52.0	59.8	Increased, 2019-2021	Not available	Increased
QN118	8: Perc	entage	of stude	ents who	have b	een taug	ght abou	it AIDS	or HIV	<sup>7</sup> infecti	on in sc	chool	_	76.2	71.4	No linear change	Not available	No change
														10.2	/1.4	i to inicar change		i to enalige

<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.

# New York City High School Survey

Trend Analysis Report

Hispaı Site-A																		
					Heal	th Risk	Behavi	or and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2019-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		
QN120	0: Percentage of students who have ever been told by a doctor or a nurse that they have asthma																	
							23.4	26.0	27.3	27.5	29.6	28.2	28.0	28.6	27.5	Increased, 2005-2021	No quadratic change	No change
	: Percentage of students who had an episode of asthma or an asthma attack (among students who have had , during the 12 months before the survey)																	
								28.1	28.5	25.6	28.5	22.4	27.7	24.8	26.9	No linear change	No quadratic change	No change
							t away f onths be				uardians	s becaus	se they v	were kic	ked			
													10.5	13.0	8.0	No linear change	Not available <sup>§</sup>	Decreased
QN125	5: Perc	entage o	of stude	nts who	have e	ver beer	n arreste	d										
														13.8	6.3	Decreased, 2019-2021	Not available	Decreased

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

# New York City High School Survey

Hispanic Site-Added	Added Health Risk Behavior and Percentages														Linear Change <sup>*</sup>	Quadratic Change*	Change from 2019-2021 <sup>†</sup>
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	2019	2021	-		2017 2021
QN126: Per	centage (	of studer	nts who	strongl	ly agree	or agre	e that th	ney feel	close to	o people	at their	r school	65.9	56.1	Decreased, 2019-2021	Not available <sup>§</sup>	Decreased
QN127: Per talk to if they				o reporte	ed there	is at lea	st one t	eacher (	or other	adult ir	n their s	chool th	63.4	can 54.8	Decreased, 2019-2021	Not available	Decreased