West Virginia High School Survey

10-year Trend Analysis Report

and Violence								
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN8: Percent driven by som	age of students version else)	who rarely or ne	ver wore a seat ł	oelt (when riding	in a car			
16.6	14.0	13.8	11.5	11.2	8.9	Decreased, 2007-2017	No quadratic change	No change
QN9: Percent or other vehic	age of students the students the students age of students the students are students and students are students a	who rode with a imes during the	driver who had 30 days before t	been drinking al he survey)	cohol (in a car			
23.8	25.6	18.7	17.8	16.7	12.8	Decreased, 2007-2017	No quadratic change	Decreased
QN10: Percer alcohol (one o driven a car or	ntage of students or more times du r other vehicle du	who drove a ca ring the 30 days uring the 30 day	r or other vehicle before the surve s before the surv	e when they had y, among studen ey)	been drinking ts who had			
			7.6	6.3	5.4	Decreased, 2013-2017	Not available [§]	No change

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nd Violence								
	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QN11: Perce (on at least 1 or other vehic	ntage of students day during the 3 le during the 30	s who texted or e 0 days before the days before the	e-mailed while d e survey, among survey)	riving a car or of students who ha	ther vehicle ad driven a car			
				25.1	24.0	No linear shance	NI1_1_1_8	No shanaa
			35.5	35.1	54.0	No intear change	Not available ^s	No change
QN12: Perce least 1 day du	ntage of students ring the 30 days	s who carried a v before the surve	35.5 weapon (such as ey)	a gun, knife, or	club, on at	No inicar change	Not available ^s	No change
QN12: Perce least 1 day du 21.3	ntage of students ring the 30 days 24.4	s who carried a v before the surve 20.7	35.5 weapon (such as ey) 24.3	35.1 a gun, knife, or o 26.1	club, on at 23.8	No linear change	Not available ⁵	No change
QN12: Perce least 1 day du 21.3 QN13: Perce knife, or club	ntage of students ring the 30 days 24.4 ntage of students , on at least 1 day	s who carried a v before the surve 20.7 s who carried a v y during the 30 c	35.5 weapon (such as ey) 24.3 weapon on schoo days before the s	a gun, knife, or 26.1 ol property (such urvey)	club, on at 23.8 as a gun,	No linear change	Not available ^s	No change
QN12: Perce least 1 day du 21.3 QN13: Perce knife, or club, 6.9	ntage of students ring the 30 days 24.4 ntage of students on at least 1 day 6.5	s who carried a v before the surve 20.7 s who carried a v y during the 30 c 5.5	35.5 weapon (such as by) 24.3 weapon on schoo days before the s 5.5	a gun, knife, or 26.1 ol property (such urvey) 6.5	23.8 as a gun, 4.8	No linear change	No quadratic change	No change No change
QN12: Perce least 1 day du 21.3 QN13: Perce knife, or club 6.9 QN15: Perce on their way t	ntage of students ring the 30 days 24.4 ntage of students on at least 1 day 6.5 ntage of students o or from school	s who carried a v before the surve 20.7 s who carried a v y during the 30 c 5.5 s who did not go I (on at least 1 da	35.5 weapon (such as ey) 24.3 weapon on schoo lays before the s 5.5 to school becau ay during the 30	a gun, knife, or o 26.1 26.1 ol property (such urvey) 6.5 se they felt unsa days before the	club, on at 23.8 as a gun, 4.8 fe at school or survey)	No linear change	No quadratic change	No change No change

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na violence								
	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QN16: Perce property (such survey)	ntage of students a s a gun, knife,	who were threa or club, one or	ttened or injured more times duri	l with a weapon on the second se	on school s before the			
o 7	0.0	65	5 5	69	65	Decreased, 2007-2017	No quadratic change	No change
9.7	9.2	0.5	5.5	0.7	0.5	· · · · · · · · · · · · · · · · · · ·	1	i to change
9.7 QN17: Perce months before	9.2 ntage of students the survey)	who were in a	physical fight (o	one or more times	s during the 12			
9.7 QN17: Perce months before 29.9	9.2 ntage of students the survey) 31.7	who were in a provide the second seco	physical fight (o 25.2	one or more times 20.5	s during the 12 19.3	Decreased, 2007-2017	No quadratic change	No change
9.7 QN17: Perce months before 29.9 QN18: Perce times during t	9.2 ntage of students the survey) 31.7 ntage of students he 12 months be	s who were in a p 25.7 s who were in a p fore the survey)	physical fight (o 25.2 physical fight or	one or more times 20.5	s during the 12 19.3	Decreased, 2007-2017	No quadratic change	No change
9.7 QN17: Perce months before 29.9 QN18: Perce times during t 12.9	9.2 ntage of students the survey) 31.7 ntage of students he 12 months be 11.3	s who were in a p 25.7 s who were in a p fore the survey) 10.3	physical fight (o 25.2 physical fight or 9.1	20.5 n school property 7.2	s during the 12 19.3 (one or more 6.2	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change	No change No change
9.7 QN17: Perce months before 29.9 QN18: Perce times during t 12.9 QN19: Perce (when they di	9.2 ntage of students the survey) 31.7 ntage of students he 12 months be 11.3 ntage of students d not want to)	who were in a 25.7 who were in a fore the survey) 10.3	physical fight (o 25.2 physical fight or 9.1 physically force	20.5 n school property 7.2 ed to have sexual	s during the 12 19.3 (one or more 6.2 intercourse	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change	No change No change

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nd Violence								
	Healt	h Risk Behavio	or and Percenta	Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017	-		
QN21: Perce someone they kissing, touch want to, one o dated or went	ntage of students were dating or ing, or being ph or more times du out with someo	s who experienc going out with to ysically forced t ring the 12 mon ne during the 12	ed sexual dating o do sexual thing o have sexual in ths before the su months before t	violence (being s [counting such tercourse] that the rvey, among stu he survey)	forced by a things as ney did not dents who			
			8.7	9.0	6.8	Decreased, 2013-2017	Not available [§]	No change
ON22: Perce	ntage of students	s who experienc	ed physical datir	ng violence (beir	g physically			
QN22: Perce hurt on purpo being hit, slar during the 12 someone duri	ntage of students se by someone t nmed into somet months before t ng the 12 month	s who experienc hey were dating thing, or injured he survey, amon s before the surv	ed physical datir or going out wit with an object o g students who o (ey)	ng violence (beir h [counting such r weapon] one o dated or went ou	g physically things as r more times t with			
QN22: Perce hurt on purpo being hit, slar during the 12 someone duri	ntage of students se by someone ti nmed into somet months before ti ng the 12 month	s who experienc hey were dating thing, or injured he survey, amon s before the surv	ed physical datir or going out wit with an object o g students who rey) 10.8	ng violence (beir h [counting such r weapon] one o lated or went ou 10.1	ng physically n things as r more times t with 9.0	No linear change	Not available	No change
QN22: Perce hurt on purpo being hit, slar during the 12 someone duri QN23: Perce months before	ntage of students se by someone ti nmed into somet months before ti ng the 12 month ntage of students e the survey)	s who experienc hey were dating thing, or injured he survey, amon s before the surv	ed physical datir or going out wit with an object o g students who o (ey) 10.8	ng violence (beir h [counting such r weapon] one o lated or went ou 10.1 operty (ever duri	ng physically n things as r more times t with 9.0 ng the 12	No linear change	Not available	No change
QN22: Perce hurt on purpo being hit, slar during the 12 someone duri QN23: Perce months before	ntage of students se by someone ti nmed into someti months before ti ng the 12 month ntage of students the survey) 23.5	s who experienc hey were dating thing, or injured he survey, amon s before the surv s who were bulli 18.6	ed physical datir or going out wit with an object o g students who (ey) 10.8 red on school pro 22.1	ng violence (beir h [counting such r weapon] one o dated or went ou 10.1 operty (ever duri 24.4	ng physically n things as r more times t with 9.0 ng the 12 23.7	No linear change No linear change	Not available Not available	No change No change
QN22: Perce hurt on purpo being hit, slar during the 12 someone duri QN23: Perce months before QN24: Perce through textin before the sur	ntage of students se by someone ti nmed into somet months before ti ng the 12 month ntage of students e the survey) 23.5 ntage of students ag, Instagram, Fa	s who experienc hey were dating thing, or injured he survey, amon s before the surv s who were bulli 18.6 s who were elect acebook, or othe	ed physical datir or going out wit with an object o g students who (ey) 10.8 red on school pro 22.1 tronically bulliec r social media, e	ng violence (beir h [counting such r weapon] one o dated or went ou 10.1 operty (ever duri 24.4 d (counting being ver during the 1	ng physically a things as r more times t with 9.0 ng the 12 23.7 g bullied 2 months	No linear change No linear change	Not available Not available	No change No change

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and Violence								
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [*]	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN25: Perce row so that th survey)	ntage of students ey stopped doing	who felt sad or some usual act	hopeless (almos ivities, ever duri	t every day for > ng the 12 months	=2 weeks in a s before the			
30.7	29.7	24.5	27.5	32.9	32.0	No linear change	Decreased, 2007-2011 Increased, 2011-2017	No change
QN26: Perce 12 months be	ntage of students fore the survey)	who seriously c	considered attem	pting suicide (ev	ver during the			
16.0	18.0	13.0	15.4	18.7	18.5	No linear change	No quadratic change	No change
								-
QN27: Perce (during the 12	ntage of students months before t	who made a pla he survey)	an about how the	y would attempt	suicide			
QN27: Perce (during the 12 12.2	ntage of students months before t 13.9	who made a pla he survey) 10.1	an about how the 12.8	y would attempt 15.4	suicide 14.8	No linear change	No quadratic change	No change
QN27: Perce (during the 12 12.2 QN28: Perce months before	ntage of students 2 months before 1 13.9 ntage of students 2 the survey)	who made a pla the survey) 10.1	an about how the 12.8 suicide (one or n	y would attempt 15.4 nore times durin	suicide 14.8 g the 12	No linear change	No quadratic change	No change

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l ry and Violence	Healt	h Risk Behavio	r and Percentag	ges	Linear Change [*]	Quadratic Change*	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QN29: Percen poisoning, or c before the surv	ntage of students overdose that havey)	s who had a suic d to be treated b	ide attempt that a y a doctor or nur	resulted in an inj rse (during the 1	jury, 2 months			
3.4	4.6	1.9	2.5	3.2	41	No linear change	No quadratic change	No change

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Tobacco Use Health Risk Behavior and Percentages Linear Change* **Ouadratic Change**^{*} **Change from** 2015-2017 * 2007 2009 2011 2013 2015 2017 QN30: Percentage of students who ever tried cigarette smoking (even one or two puffs) 59.3 55.2 47.1 47.0 47.3 39.5 Decreased, 2007-2017 No quadratic change Decreased QN32: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) 27.6 21.8 19.1 19.6 18.8 14.4 Decreased, 2007-2017 No quadratic change No change QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) 14.4 8.3 8.9 7.4 11.4 5.5 Decreased, 2007-2017 No quadratic change No change QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) 11.9 9.2 6.7 6.7 5.4 4.5 Decreased, 2007-2017 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.

Total

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						*		
	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QN33: Perce they smoked cigarettes)	entage of students during the 30 day	s who smoked m ys before the sur	ore than 10 ciga vey, among stud	arettes per day (c lents who currer	on the days ttly smoked			
20.3	12.9	10.6	8.9	10.1	9.5	Decreased, 2007-2017	Decreased, 2007-2011 No change, 2011-2017	No change
							110 enange, 2011 2017	
QN34: Perce e-cigarettes, e blu, NJOY, V	entage of students e-cigars, e-pipes, Vuse, MarkTen, I	s who ever used vape pipes, vapi logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo	por product (inc cahs, and hookah o])	luding pens [such as		1000mmge,2011 2017	
QN34: Perce e-cigarettes, e blu, NJOY, V	entage of students e-cigars, e-pipes, ⁷ use, MarkTen, I	s who ever used vape pipes, vapi logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo	por product (inc tahs, and hookah o]) 49.1	luding pens [such as 44.4	No linear change	Not available [§]	No change
QN34: Perce e-cigarettes, e blu, NJOY, V QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor	entage of students e-cigars, e-pipes, Yuse, MarkTen, I entage of students e-cigars, e-pipes, Yuse, MarkTen, I re the survey)	s who ever used vape pipes, vapi Logic, Vapin Plu s who currently u vape pipes, vapi Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo used an electron ing pens, e-hook s, eGo, and Halo	por product (inc tahs, and hookah b]) 49.1 ic vapor product tahs, and hookah b], on at least 1 c	luding pens [such as 44.4 (including pens [such as lay during the	No linear change	Not available [§]	No change
QN34: Perce e-cigarettes, e blu, NJOY, V QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor	entage of students e-cigars, e-pipes, Vuse, MarkTen, I entage of students e-cigars, e-pipes, Vuse, MarkTen, I re the survey)	s who ever used vape pipes, vapi Logic, Vapin Plu s who currently t vape pipes, vapi Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo used an electron ing pens, e-hook s, eGo, and Halo	por product (inc tahs, and hookah b]) 49.1 ic vapor product tahs, and hookah b], on at least 1 of 31.2	luding pens [such as 44.4 (including pens [such as lay during the 14.3	No linear change Decreased, 2015-2017	Not available [§]	No change Decreased
QN34: Perce e-cigarettes, e blu, NJOY, V QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce cigars, on at l	entage of students e-cigars, e-pipes, Vuse, MarkTen, I entage of students e-cigars, e-pipes, Vuse, MarkTen, I re the survey) entage of students east 1 day during	s who ever used vape pipes, vapi logic, Vapin Plu s who currently v vape pipes, vapi logic, Vapin Plu s who currently s g the 30 days bef	an electronic va ing pens, e-hook s, eGo, and Hale used an electron ing pens, e-hook s, eGo, and Hale smoked cigars (d ore the survey)	por product (inc tahs, and hookah o]) 49.1 ic vapor product tahs, and hookah o], on at least 1 of 31.2 cigars, cigarillos	luding pens [such as 44.4 (including pens [such as lay during the 14.3 , or little	No linear change Decreased, 2015-2017	Not available ⁸	No change Decreased

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Total Tobacco	Use	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 [†]
	2007	2009	2011	2013	2015	2017	-		
-	QNTB2: Perc during the 30	entage of studer days before the s	nts who currently survey)	y smoked cigare	ttes or cigars (or	n at least 1 day			
	31.6	27.0	23.6	24.3	24.2	17.9	Decreased, 2007-2017	No quadratic change	Decreased

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and Other Dr	ug Use						• • • • • • *	
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017
2007	2009	2011	2013	2015	2017			
QN40: Perce least 1 day du	ntage of students ring their life)	who ever drank	alcohol (at leas	t one drink of al	cohol, on at			
75.4	73.4	68.5	69.6	65.1	64.4	Decreased, 2007-2017	No quadratic change	No change
QN41: Perce	entage of students	who had their f	irst drink of alco	ohol before age 1	3 years (other			
than a few sip)5)							
27.6	22.7	19.2	20.6	18.4	19.4	Decreased, 2007-2017	Decreased, 2007-2011 No change, 2011-2017	No change
27.6 QN42: Perce at least 1 day	22.7 entage of students during the 30 da	19.2 s who currently of ys before the sur	20.6 drank alcohol (ar	18.4 t least one drink	19.4 of alcohol, on	Decreased, 2007-2017	Decreased, 2007-2011 No change, 2011-2017	No change
27.6 QN42: Perce at least 1 day 43.5	22.7 entage of students during the 30 da 40.4	19.2 s who currently of ys before the sur 34.3	20.6 drank alcohol (ar rvey) 37.1	18.4 t least one drink 31.1	19.4 of alcohol, on 27.9	Decreased, 2007-2017 Decreased, 2007-2017	Decreased, 2007-2011 No change, 2011-2017 No quadratic change	No change No change
27.6 QN42: Perce at least 1 day 43.5 QN43: Perce to them (durin	22.7 ntage of students during the 30 da 40.4 ntage of students ng the 30 days be	19.2 s who currently of ys before the sur 34.3 s who usually go fore the survey,	20.6 drank alcohol (arrvey) 37.1 t the alcohol the among students	18.4 t least one drink 31.1 y drank by some who currently d	19.4 of alcohol, on 27.9 cone giving it rank alcohol)	Decreased, 2007-2017 Decreased, 2007-2017	Decreased, 2007-2011 No change, 2011-2017 No quadratic change	No change No change

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	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN46: Perce	ntage of students	s who ever used	marijuana (one o	or more times du	ring their life)			
40.9	38.9	36.9	39.0	34.7	35.1	Decreased, 2007-2017	No quadratic change	No change
QN47: Perce	ntage of students	s who tried mari	uana for the firs	t time before age	e 13 years			
11.3	9.0	7.5	9.1	8.4	8.8	No linear change	No quadratic change	No change
QN48: Perce 30 days befor	ntage of students e the survey)	s who currently	used marijuana (one or more tim	es during the			
23.5	20.3	19.7	18.9	16.5	18.5	Decreased, 2007-2017	No quadratic change	No change
QN49: Perce powder, crack	ntage of students , or freebase, on	s who ever used e or more times	cocaine (any for during their life)	rm of cocaine, in	cluding			
11.1	8.3	5.1	5.2	4.6	6.0	Decreased, 2007-2017	Decreased, 2007-2011	No change

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and Other Dru	ug Use							
	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QN50: Perce of aerosol spr their life)	ntage of students ay cans, or inhal	who ever used ed any paints or	inhalants (sniffe sprays to get hig	ed glue, breathed gh, one or more t	the contents imes during			
19.2	15.3	9.8	9.2	9.4	7.0	Decreased, 2007-2017	No quadratic change	No change
QN51: Perce White," one o	ntage of students r more times du	who ever used ing their life)	heroin (also call	ed "smack," "jur	ık," or "China			
QN51: Perce White," one o 3.7	ntage of students r more times dur 4.4	who ever used ing their life) 3.0	heroin (also call 2.1	ed "smack," "jun 3.5	nk," or "China 3.4	Decreased, 2007-2017	No quadratic change	No change
QN51: Perce White," one o 3.7 QN52: Perce "crystal," "cra	ntage of students r more times dur 4.4 ntage of students nk," or "ice," on	s who ever used ing their life) 3.0 s who ever used e or more times	heroin (also call 2.1 methamphetami during their life	ed "smack," "jur 3.5 nes (also called '	nk," or "China 3.4 "speed,"	Decreased, 2007-2017	No quadratic change	No change
QN51: Perce White," one o 3.7 QN52: Perce "crystal," "cra 8.1	ntage of students r more times dur 4.4 ntage of students nk," or "ice," on 6.5	s who ever used ing their life) 3.0 s who ever used e or more times 3.7	heroin (also call 2.1 methamphetami during their life 3.6	ed "smack," "jur 3.5 nes (also called ') 4.7	nk," or "China 3.4 "speed," 4.6	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change Decreased, 2007-2011 No change, 2011-2017	No change No change
QN51: Perce White," one o 3.7 QN52: Perce "crystal," "cra 8.1 QN53: Perce times during t	ntage of students r more times dur 4.4 ntage of students nk," or "ice," on 6.5 ntage of students heir life)	s who ever used ing their life) 3.0 s who ever used e or more times 3.7 s who ever used	heroin (also call 2.1 methamphetami during their life 3.6 ecstasy (also cal	ed "smack," "jur 3.5 nes (also called ') 4.7 lled "MDMA," o	ak," or "China 3.4 "speed," 4.6 ne or more	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change Decreased, 2007-2011 No change, 2011-2017	No change No change

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and Other Dr	ug Use							
	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QN54: Perce "fake weed," during their li	entage of students "King Kong," "Y ife)	s who ever used /ucatan Fire," "S	synthetic mariju kunk," or "Moo	ana (also called n Rocks," one or	"K2," "Spice," more times			
C				14.6	8.3	Decreased, 2015-2017	Not available [§]	Decreased
QN55: Perce or shots, one	entage of students or more times du	who ever took ring their life)	steroids without	a doctor's presci	ription (pills			
5.0	6.0	3.8	3.6	4.6	3.7	Decreased, 2007-2017	No quadratic change	No change
	entage of students	who over inice	ad any illegal d	rug (used a need)	le to inject any			
QN57: Perce illegal drug in	nto their body, or	e or more times	during their life	e)	to inject any			
QN57: Perce illegal drug in 2.8	to their body, or 4.0	e or more times 2.2	during their life 2.1	3.5	2.5	No linear change	No quadratic change	No change
QN57: Perce illegal drug in 2.8 QN58: Perce property (dur	4.0 entage of students ing the 12 month	2.2 s who were offer s before the surv	ed, sold, or give /ey)	3.5 n an illegal drug	2.5 on school	No linear change	No quadratic change	No change

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Sexual Behaviors Health Risk Behavior and Percentages Linear Change* **Ouadratic Change*** **Change from** 2015-2017 * 2007 2009 2011 2013 2015 2017 QN59: Percentage of students who ever had sexual intercourse 53.7 54.1 50.9 53.7 46.7 45.9 Decreased, 2007-2017 No quadratic change No change QN60: Percentage of students who had sexual intercourse for the first time before age 13 years 6.5 6.0 4.9 5.1 5.1 3.8 Decreased, 2007-2017 No quadratic change No change QN61: Percentage of students who had sexual intercourse with four or more persons during their life 16.5 15.5 12.4 16.1 13.4 11.5 Decreased, 2007-2017 No quadratic change No change QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) 41.4 40.3 37.6 40.2 35.5 33.5 Decreased, 2007-2017 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.

Total

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017
2007	2009	2011	2013	2015	2017	-		
QN63: Percer intercourse (a	ntage of students mong students w	s who drank alco who were current	bhol or used drug	gs before last sex ve)	ual			
22.3	22.3	19.8	18.3	18.5	15.1	Decreased, 2007-2017	No quadratic change	No change
QN64: Perces students who 61.0	ntage of students were currently s 54.4	s who used a cor exually active) 60.3	ndom during last 53.4	sexual intercour 51.5	rse (among 50.7	Decreased, 2007-2017	No quadratic change	No change
QN64: Percet students who 61.0 QN85: Percet (HIV) (not con	ntage of students were currently s 54.4 ntage of students	s who used a cor exually active) 60.3 s who were ever	ndom during last 53.4 tested for human blood)	sexual intercour 51.5 n immunodeficie	rse (among 50.7 ency virus	Decreased, 2007-2017	No quadratic change	No change
QN64: Perce students who 61.0 QN85: Percer (HIV) (not cor	ntage of students were currently s 54.4 ntage of students unting tests done	s who used a cor exually active) 60.3 s who were ever e if they donated	ndom during last 53.4 tested for human blood)	sexual intercour 51.5 n immunodeficie 13.1	rse (among 50.7 ency virus 12.3	Decreased, 2007-2017 No linear change	No quadratic change Not available [§]	No change No change
QN64: Perce students who 61.0 QN85: Percer (HIV) (not co QN65: Percer prevent pregna	ntage of students were currently s 54.4 ntage of students unting tests dono ntage of students ancy, among stu	s who used a cor exually active) 60.3 s who were ever e if they donated s who used birth dents who were	ndom during last 53.4 tested for human blood) control pills bef currently sexual	sexual intercour 51.5 n immunodeficie 13.1 Tore last sexual in ly active)	rse (among 50.7 ency virus 12.3 ntercourse (to	Decreased, 2007-2017 No linear change	No quadratic change Not available [§]	No change No change

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	Healt	h Risk Behavio	or and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNIUDIMP: implant (such pregnancy, ar	Percentage of s as Implanon or nong students w	tudents who use Nexplanon) befo ho were currentl	d an IUD (such a ore last sexual in ly sexually active	as Mirena or Para tercourse (to pre	aGard) or event			
			1.1	3.4	3.6	Increased, 2013-2017	Not available [§]	No change
QNSHPARG as OrthoEvra) prevent pregn	Percentage of , or birth contro ancy, among stu	students who us l ring (such as N dents who were	ed a shot (such a luvaRing) before currently sexual	s Depo-Provera) last sexual inter ly active))	, patch (such rcourse (to			
			4.9	5.0	5.9	No linear change	Not available	No change
QNOTHHPL or ParaGard) patch (such as intercourse (to	Percentage of or implant (such or orthoEvra), or prevent pregna	students who us as Implanon or birth control rin ncy, among stud	ed birth control p Nexplanon); or a g (such as Nuval dents who were c	bills; an IUD (su a shot (such as D Ring) before last currently sexuall	ch as Mirena Depo-Provera), t sexual y active)			
		-	22.0	26.6	24.0	NT 1' 1	NT (111	NT 1

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Behaviors					******		~	
	Healt	th Risk Behavio	r and Percenta	ges	Linear Change [*]	Quadratic Change [*]	Change from 2015-2017 [†]	
2007	2009	2011	2012	2015	2017			
ONDUALBC	· Percentage of	students who us	ed both a condor	2015	2017			
QNDUALBC intercourse an Implanon or N birth control ri among studen	: Percentage of d birth control p Nexplanon); or a ing (such as Nur ts who were cur	students who us bills; an IUD (su- shot (such as D vaRing) before l rently sexually a	ed both a condo ch as Mirena or epo-Provera), pa ast sexual interco cctive)	m during last sey ParaGard) or im ttch (such as Orthourse (to prevent	xual plant (such as hoEvra), or t pregnancy,			
QNDUALBC intercourse an Implanon or N birth control ri among studen	: Percentage of d birth control p Nexplanon); or a ing (such as Nur ts who were cur	students who us bills; an IUD (su- shot (such as D vaRing) before l rently sexually a	ed both a condo ch as Mirena or epo-Provera), pa ast sexual interce ictive) 11.0	m during last sey ParaGard) or im ttch (such as Orti ourse (to prevent 11.6	xual plant (such as hoEvra), or t pregnancy, 11.9	No linear change	Not available ⁸	No change
QNDUALBC intercourse an Implanon or N birth control r among studen QNBCNONE during last sex	: Percentage of d birth control p Vexplanon); or a ing (such as Nur ts who were cur : Percentage of xual intercourse	students who us pills; an IUD (su shot (such as D vaRing) before l rently sexually a students who di (among students	ed both a condor ch as Mirena or 1 epo-Provera), pa ast sexual interco ictive) 11.0 d not use any me s who were curre	m during last sey ParaGard) or imp tch (such as Ortiourse (to prevent 11.6 ethod to prevent ently sexually ac	xual plant (such as hoEvra), or t pregnancy, 11.9 pregnancy tive)	No linear change	Not available ⁸	No change

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	Healt	h Risk Behavio	r and Percenta	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QNOWT: Pe percentile for CDC growth	ercentage of stude body mass index charts) [§]	ents who were o x, based on sex-	verweight (>= 8 and age-specific	5th percentile bu reference data f	t <95th from the 2000			
16.8	14.3	15.7	15.5	17.0	16.0	No linear change	No quadratic change	No change
QNOBESE: index, based	Percentage of stu on sex- and age-s	dents who had on the specific reference	besity (>= 95th	percentile for be	ody mass			
14.5	14.1	14.6	15.6	17.9	19.5	Increased, 2007-2017	No quadratic change	No change
14.5 QN68: Perce	14.1	14.6 s who described	15.6 themselves as sl	17.9 ightly or very ov	19.5 rerweight	Increased, 2007-2017	No quadratic change	No change
14.5 QN68: Perce 31.0	14.1 entage of students 30.6	14.6 s who described 32.7	15.6 themselves as sl 35.6	ightly or very ov 32.7	19.5 rerweight 30.5	Increased, 2007-2017 No linear change	No quadratic change Increased, 2007-2013 Decreased, 2013-2017	No change No change
14.5 QN68: Perce 31.0 QN69: Perce	14.1 entage of students 30.6 entage of students	14.6 s who described 32.7 s who were tryin	themselves as sl 35.6 g to lose weight	17.9 ightly or very ov 32.7	19.5 rerweight 30.5	Increased, 2007-2017 No linear change	No quadratic change Increased, 2007-2013 Decreased, 2013-2017	No change No change
14.5 QN68: Perce 31.0 QN69: Perce 45.4	14.1 entage of students 30.6 entage of students 48.4	14.6 s who described 32.7 s who were tryin 46.8	themselves as sl 35.6 g to lose weight 50.1	17.9 ightly or very ov 32.7 49.5	19.5 rerweight 30.5 44.7	Increased, 2007-2017 No linear change No linear change	No quadratic change Increased, 2007-2013 Decreased, 2013-2017 No change, 2007-2013 Decreased, 2013-2017	No change No change Decreased
14.5 QN68: Perce 31.0 QN69: Perce 45.4 QN70: Perce times during	14.1 entage of students 30.6 entage of students 48.4 entage of students the 7 days before	14.6 s who described 32.7 s who were tryin 46.8 s who did not dri t the survey)	themselves as sl 35.6 g to lose weight 50.1 nk fruit juice (10	17.9 ightly or very ov 32.7 49.5 00% fruit juices	19.5 rerweight 30.5 44.7 one or more	Increased, 2007-2017 No linear change No linear change	No quadratic change Increased, 2007-2013 Decreased, 2013-2017 No change, 2007-2013 Decreased, 2013-2017	No change No change Decreased

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

[§]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.

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Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN71: Perce before the sur	ntage of students vey)	who did not ea	t fruit (one or me	ore times during	the 7 days			
14.6	13.3	13.8	11.9	14.5	14.8	No linear change	No quadratic change	No change
orange juice,	apple juice, or gi	ape juice, durin	g the 7 days befo	ore the survey)	7.0	No linear change	No quadratia abanca	No abanca
7.4	6./	6.9	6.3	8.1	7.9	No linear change	No quadratic change	No change
QNFR1: Perc per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f	fruit juices one ong the 7 days bef	or more times fore the			
56.1	58.4	62.2	60.6	55.1	54.2	No linear change	Increased, 2007-2011 Decreased, 2011-2017	No change
QNFR2: Perc per day (such	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durir	fruit juices two c ng the 7 days bef	or more times fore the			
survey)								

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Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNFR3: Pero per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durin	fruit juices three ag the 7 days bef	or more times ore the			
19.1	17.6	20.6	20.4	18.2	16.6	No linear change	No change, 2007-2013 Decreased, 2013-2017	No change
QN72: Perce days before th	ntage of students ne survey)	s who did not ea	t green salad (on	e or more times	during the 7			
38.9	36.5	37.1	37.6	42.3	43.3	Increased, 2007-2017	No change, 2007-2011 Increased, 2011-2017	No change
QN73: Perce before the sur	ntage of students vey)	s who did not ea	t potatoes (one o	r more times du	ring the 7 days			
25.1	26.3	23.5	26.5	30.8	29.8	Increased, 2007-2017	No quadratic change	No change
QN74: Perce before the sur	ntage of students vey)	s who did not ea	t carrots (one or	more times duri	ng the 7 days			
55 3	52.9	56.7	52.8	58.6	59.7	Increased, 2007-2017	No quadratic change	No change

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Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges	Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QN75: Perce the 7 days bef	ntage of students fore the survey)	s who did not ea	t other vegetable	es (one or more t	imes during			
18.3	19.9	18.0	19.0	23.9	22.9	Increased, 2007-2017	No quadratic change	No change
the 7 days bef 5.5	6.0	5.6	6.5	8.3	8.5	Increased, 2007-2017	No quadratic change	No change
QNVEG1: Pe salad, potatoe	ercentage of stud s [excluding Fre	lents who ate ve nch fries, fried p	getables one or r potatoes, or potat	nore times per d to chips], carrots	ay (green , or other			
vegetables, du	uring the 7 days	before the surve	y)					
60.1	62.2	65.1	62.5	55.8	55.4	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
QNVEG2: Pe salad, potatoe vegetables, du	ercentage of stud s [excluding Fre uring the 7 days l	lents who ate ve nch fries, fried p before the surve	getables two or 1 ootatoes, or potat y)	more times per d to chips], carrots	ay (green , or other			
	20.2	22.0	20 (22.0	22.5	D 1 2007 2017	1 0005 0011	

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Management a	and Dietary Beh Healt	aviors h Risk Behavio	r and Percenta	ges	Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QNVEG3: Po salad, potatoe vegetables, du	ercentage of stud s [excluding Fre uring the 7 days]	lents who ate ve nch fries, fried p before the surve	getables three or ootatoes, or potat y)	more times per to chips], carrots	day (green , or other			
14.0	14.5	18.7	15.3	12.9	11.0	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
QN76: Perce as Coke, Peps survey)	ntage of students si, or Sprite, not	s who did not dr counting diet soo	ink a can, bottle, la or diet pop, du	or glass of soda uring the 7 days	or pop (such before the			
15.8	18.6	19.8	20.1	21.8	23.1	Increased, 2007-2017	No quadratic change	No change
QNSODA1: more times per the 7 days bef	Percentage of stuer er day (such as C fore the survey)	udents who dran Coke, Pepsi, or S	k a can, bottle, o prite, not countin	or glass of soda o ng diet soda or d	or pop one or iet pop, during			
45.9	34.5	39.1	38.0	30.1	26.2	Decreased, 2007-2017	No quadratic change	Decreased
QNSODA2: more times per the 7 days bef	Percentage of stu er day (such as C fore the survey)	udents who dran Coke, Pepsi, or S	k a can, bottle, o prite, not countin	or glass of soda o ng diet soda or d	or pop two or iet pop, during			
	.	20.2	20 5	22.1	10.1	D 1 2007 2017	NT 1 1 1	

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	Healt	h Risk Behavio	or and Percenta	Linear Change [*]	Quadratic Change [*]	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QNSODA3: more times per the 7 days bef	Percentage of stu er day (such as C fore the survey)	idents who dran oke, Pepsi, or S	k a can, bottle, o prite, not countin	r glass of soda o ng diet soda or di	or pop three or iet pop, during			
21.9	14.7	15.6	18.7	13.5	10.5	Decreased, 2007-2017	No quadratic change	Decreased
QN77: Perce	ntage of students	s who did not dr	ink milk (during	the 7 days befor	e the survey)			
			17.1	21.2	23.1	Increased, 2013-2017	Not available [§]	No change
QNMILK1: 1 (counting the the half pint c	Percentage of stu milk they drank f milk served at	dents who dran in a glass or cup school as equal	k one or more gl o, from a carton, to one glass, dur	asses per day of or with cereal ar ing the 7 days be	milk nd counting efore the			
			44.2	33.8	32.6	Decreased, 2013-2017	Not available	No change
QNMILK2: 1 (counting the	Percentage of stu milk they drank	idents who dran in a glass or cup school as equal	k two or more gl o, from a carton, to one glass, dur	asses per day of or with cereal ar ing the 7 days be	milk nd counting efore the			
the nam print c	i min boi vou ut		to one grabb, aar					

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Management a	nd Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017	-		
QNMILK3: If (counting the the half pint o survey)	Percentage of stu milk they drank f milk served at	idents who drank in a glass or cup school as equal	three or more g , from a carton, to one glass, dur	glasses per day o or with cereal ar ing the 7 days b	of milk nd counting efore the			
-			14.2	9.9	11.9	Decreased, 2013-2017	Not available [§]	To success d
								Increased
QN78: Percer survey)	ntage of students	s who did not eat	t breakfast (durii	ng the 7 days be	fore the			Increased
QN78: Percer survey)	ntage of students	s who did not eat	t breakfast (durin 12.4	ng the 7 days be 14.8	fore the 14.0	No linear change	Not available	No change
QN78: Percer survey) QNBK7DAY before the sur	ntage of students : Percentage of vey)	s who did not eat	t breakfast (durin 12.4 e breakfast on all	ng the 7 days be 14.8 17 days (during	fore the 14.0 the 7 days	No linear change	Not available	No change

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Activity								
	Heal	th Risk Behavio	or and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN79: Perce or more days breathe hard	entage of student (in any kind of j some of the time	s who were physical activity during the 7 day	sically active at 1 that increased th ys before the sur	east 60 minutes leir heart rate and vey)	per day on 5 d made them			
		52.4	48.5	44.9	44.4	Decreased, 2011-2017	Not available [§]	No change
	: Percentage of	students who du	1 not participate	in at least 60 mi	nutes of			
physical activ rate and made	tity on at least 1 them breathe h	ard some of the	of physical activities the formed of the formed activities the formed activities the formed activities and the formed activities and the formed activities activities and the formed activities activities and the formed activities activities and the formed activities activitities activities activities a	in at least 60 mi vity that increase days before the	nutes of ed their heart e survey)			
physical activ rate and made	tity on at least 1 them breathe h	day (in any kind ard some of the 13.3	of physical activities the formula of physical activities the formula of the form	in at least 60 mi vity that increase days before the 17.2	nutes of ed their heart survey) 16.5	No linear change	Not available	No change
QNPA7DAY on all 7 days breathe hard	recentage of /ity on at least 1 e them breathe h // recentage of (in any kind of p some of the time	students who did day (in any kind ard some of the 13.3 students who we obysical activity during the 7 day	a not participate of physical acti- time during the 7 15.0 ere physically ac that increased th ys before the sur	in at least 60 mi vity that increase 7 days before the 17.2 tive at least 60 n eir heart rate and vey)	nutes of ed their heart e survey) 16.5 ninutes per day d made them	No linear change	Not available	No change
QNPA7DAY on all 7 days breathe hard	recentage of /ity on at least 1 e them breathe h // recentage of (in any kind of p some of the time	students who did day (in any kind ard some of the 13.3 students who we obysical activity during the 7 day 29.0	a not participate of physical acti- time during the 7 15.0 ere physically ac that increased th ys before the sur 31.0	in at least 60 mi vity that increase 7 days before the 17.2 tive at least 60 n eir heart rate and vey) 25.8	nutes of ed their heart e survey) 16.5 ninutes per day d made them 23.4	No linear change Decreased, 2011-2017	Not available Not available	No change No change
QNPA7DAY on all 7 days breathe hard QN80: Perce average school	Fercentage of /ity on at least 1 e them breathe h f: Percentage of (in any kind of p some of the time entage of student ol day)	students who did day (in any kind ard some of the r 13.3 students who we obysical activity during the 7 day 29.0 s who watched t	a not participate of physical acti- time during the 7 15.0 ere physically ac that increased th ys before the sur 31.0 elevision 3 or mo	in at least 60 mi vity that increase 7 days before the 17.2 tive at least 60 n eir heart rate and vey) 25.8 ore hours per day	nutes of ed their heart e survey) 16.5 ninutes per day d made them 23.4 y (on an	No linear change Decreased, 2011-2017	Not available Not available	No change No change

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Activity	Healt	h Rick Robavio	r and Parcenta	TAS		Linear Change*	Quadratic Change*	Change from
	IIcan	II KISK Dellavio	i anu i creenta	ges		Linear Change	Quadratic Change	2015-2017
2007	2009	2011	2013	2015	2017			
QN81: Perce more hours p other tablet, a for something	ntage of students er day (counting smartphone, tex g that was not scl	s who played vic time spent on th ting, YouTube, nool work, on an	leo or computer ings such as Xb Instagram, Face average school	games or used a ox, PlayStation, a book, or other so day)	computer 3 or an iPad or ocial media,			
27.7	24.1	32.2	41.6	43.4	40.8	Increased, 2007-2017	No quadratic change	No change
QN82: Perce days (in an av	ntage of students erage week whe	s who attended p on they were in s	hysical education chool)	on (PE) classes of	n 1 or more			
33.2	32.6	35.7	38.2	36.8	38.5	Increased, 2007-2017	No quadratic change	No change
QNDLYPE: days (in an av	Percentage of st erage week whe	udents who atten on they were in se	ded physical ed	ucation (PE) clas	sses on all 5			
25.5	24.0	27.7	30.7	25.2	26.9	No linear change	No quadratic change	No change
		who played on	at least one spor	ts team (countin	g any teams			
QN83: Perce run by their s	chool or commu	nity groups, duri	ng the 12 month	s before the surv	vey)			

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								Change from
	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change [*]	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
QN86: Perce other dental w	ntage of students vork, during the	s who saw a den 12 months befor	tist (for a check- e the survey)	up, exam, teeth o	cleaning, or			
				73.3	77.1	No linear change	Not available [§]	No change
ONNODNT.	Percentage of st	tudents who nev	er saw a dentist (for a check-up	exam teeth			
QNNODNT: cleaning, or o	Percentage of st ther dental work	tudents who neve	er saw a dentist (for a check-up,	exam, teeth	No linear change	Not available	No change
QNNODNT: cleaning, or o QN87: Perce asthma	Percentage of sitter dental work	tudents who neve () s who had ever b	er saw a dentist (been told by a do	for a check-up, 1.4 ctor or nurse tha	exam, teeth 1.8 t they had	No linear change	Not available	No change
QNNODNT: cleaning, or o QN87: Perce asthma 24.6	Percentage of sitter dental work	tudents who never () s who had ever b 22.7	er saw a dentist (been told by a doo 20.9	for a check-up, 1.4 ctor or nurse tha 25.9	exam, teeth 1.8 t they had 23.8	No linear change No linear change	Not available No quadratic change	No change No change
QNNODNT: cleaning, or o QN87: Perce asthma 24.6 QN88: Perce	Percentage of sitther dental work	tudents who never s who had ever b 22.7 s who got 8 or m	er saw a dentist (been told by a do 20.9 hore hours of slee	for a check-up, 1.4 ctor or nurse tha 25.9 ep (on an average	exam, teeth 1.8 t they had 23.8 e school	No linear change No linear change	Not available No quadratic change	No change No change

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Total Other		Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
	2007	2009	2011	2013	2015	2017			
_	QN89: Percer (during the 12	ntage of students 2 months before	s who described the survey)	their grades in s	chool as mostly	A's or B's			
					75.7	79.0	No linear change	Not available [§]	No change

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	Healt	th Risk Behavio	r and Percenta	Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]		
						2015-2017		
2007	2009	2011	2013	2015	2017			
QN8: Percen driven by son	tage of students neone else)	who rarely or ne	ver wore a seat	belt (when riding	g in a car			
19.6	16.0	17.1	15.8	13.4	10.3	Decreased, 2007-2017	No quadratic change	No change
QN9: Percent or other vehic	tage of students cle, one or more	who rode with a times during the	driver who had 30 days before t	been drinking al he survey)	cohol (in a car			
QN9: Percen or other vehic 25.3 QN10: Perce alcohol (one	tage of students cle, one or more to 24.7 Intage of students or more times du	who rode with a times during the 19.9 s who drove a ca tring the 30 days	driver who had 30 days before t 19.7 r or other vehicl before the surve	been drinking al he survey) 16.9 e when they had ey, among studer	cohol (in a car 13.0 been drinking nts who had	Decreased, 2007-2017	No quadratic change	No chang
QN9: Percen or other vehic 25.3 QN10: Perce alcohol (one of driven a car of	tage of students ele, one or more 24.7 Intage of students or more times du r other vehicle d	who rode with a times during the 19.9 s who drove a ca ring the 30 days uring the 30 day	driver who had 30 days before t 19.7 r or other vehicl before the surve s before the surve	been drinking al he survey) 16.9 e when they had ey, among studer rey)	cohol (in a car 13.0 been drinking nts who had	Decreased, 2007-2017	No quadratic change	No chang
QN9: Percen or other vehic 25.3 QN10: Perce alcohol (one of driven a car of	tage of students cle, one or more 24.7 Intage of students or more times du or other vehicle d	who rode with a times during the 19.9 s who drove a ca ring the 30 days uring the 30 day	driver who had 30 days before t 19.7 r or other vehicl before the surve s before the surve 10.5	been drinking al he survey) 16.9 e when they had ey, among studer rey) 7.7	cohol (in a car 13.0 been drinking nts who had 7.6	Decreased, 2007-2017 No linear change	No quadratic change Not available ⁸	No chang No chang
QN9: Percen or other vehic 25.3 QN10: Perce alcohol (one of driven a car of QN11: Perce (on at least 1 or other vehic	tage of students cle, one or more to 24.7 entage of students or more times du or other vehicle d entage of students day during the 30 cle during the 30	who rode with a times during the 19.9 s who drove a ca tring the 30 days luring the 30 day s who texted or e 0 days before the days before the	driver who had 30 days before t 19.7 r or other vehicl before the surve s before the surve 10.5 c-mailed while d e survey, among survey)	been drinking al he survey) 16.9 e when they had ey, among studer rey) 7.7 riving a car or of students who ha	cohol (in a car 13.0 been drinking nts who had 7.6 ther vehicle id driven a car	Decreased, 2007-2017 No linear change	No quadratic change Not available ⁸	No chang No chang

Male

West Virginia High School Survey

10-year Trend Analysis Report

nu violence								
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN12: Perce least 1 day du	ntage of students bring the 30 days	s who carried a v before the surve	weapon (such as ey)	a gun, knife, or	club, on at			
34.4	37.9	35.0	38.9	38.3	36.9	No linear change	No quadratic change	No change
QN13: Perce knife, or club 10.3	ntage of students , on at least 1 day 9.8	s who carried a v y during the 30 c 9.5	weapon on schoo lays before the s 9.1	ol property (such urvey) 9.2	as a gun, 7.6	No linear change	No quadratic change	No change
QN13: Perce knife, or club 10.3 QN15: Perce on their way t	ntage of students, on at least 1 day 9.8 ntage of students	s who carried a v y during the 30 c 9.5 s who did not go l (on at least 1 da	weapon on school lays before the s 9.1 to school becau ay during the 30	ol property (such urvey) 9.2 se they felt unsa days before the	as a gun, 7.6 fe at school or survey)	No linear change	No quadratic change	No change
QN13: Perce knife, or club 10.3 QN15: Perce on their way t 6.5	ntage of students on at least 1 day 9.8 ntage of students o or from schoo 7.7	s who carried a v y during the 30 c 9.5 s who did not go l (on at least 1 da 4.2	weapon on school lays before the s 9.1 to school becau ay during the 30 5.1	ol property (such urvey) 9.2 se they felt unsa days before the 8.4	as a gun, 7.6 fe at school or survey) 6.1	No linear change No linear change	No quadratic change No quadratic change	No change No change
QN13: Perce knife, or club 10.3 QN15: Perce on their way t 6.5 QN16: Perce property (such survey)	ntage of students , on at least 1 da 9.8 ntage of students to or from schoo 7.7 ntage of students h as a gun, knife	s who carried a v y during the 30 c 9.5 s who did not go l (on at least 1 d 4.2 s who were threa , or club, one or	weapon on school lays before the s 9.1 to school becau ay during the 30 5.1 atened or injured more times duri	9.2 9.2 se they felt unsa days before the 8.4 with a weapon ong the 12 month	as a gun, 7.6 fe at school or survey) 6.1 on school s before the	No linear change No linear change	No quadratic change No quadratic change	No change No change

West Virginia High School Survey

10-year Trend Analysis Report

nd Violence								
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change fro 2015-2017
2007	2009	2011	2013	2015	2017			
QN17: Percer months before	ntage of students the survey)	who were in a	physical fight (or	ne or more times	during the 12			
36.4	38.3	33.4	31.5	26.9	26.8	Decreased, 2007-2017	No quadratic change	No change
times during t 16.4 QN19: Percer	he 12 months be 14.4	fore the survey) 13.6 s who were ever	11.3 physically force	10.3 d to have sexual	8.6	Decreased, 2007-2017	No quadratic change	No change
6.6	8.3	6.3	3.8	7.5	4.9	No linear change	No quadratic change	No change
QN21: Percei someone they kissing, touch want to, one o dated or went	ntage of students were dating or g ing, or being phy or more times due out with someon	who experience going out with to ysically forced to ring the 12 mont and during the 12	ed sexual dating o do sexual thing o have sexual int hs before the sum months before th 4.2	violence (being s [counting such ercourse] that th rvey, among stud he survey) 6.1	forced by things as ey did not dents who 3.0	No linear change	Not available ⁸	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.

Male

West Virginia High School Survey

10-year Trend Analysis Report

nd Violence								
	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QN22: Perce hurt on purpo being hit, slar during the 12 someone duri	ntage of students se by someone the nmed into someter months before the ng the 12 month	s who experience hey were dating of thing, or injured he survey, amon s before the surv	ed physical datir or going out wit with an object o g students who c ey)	g violence (bein h [counting such r weapon] one or lated or went our	g physically things as r more times t with			
	0		8.0	8.7	5.9	No linear change	Not available [§]	No change
QN23: Perce months before	ntage of students e the survey)	s who were bulli	ed on school pro	operty (ever durin	ng the 12			
	21.3	15.8	16.4	19.0	20.4	No linear change	Not available	No change
								C
QN24: Perce through textin before the sur	ntage of students 1g, Instagram, Fa vey)	s who were elect icebook, or other	ronically bullied social media, e	l (counting being ver during the 12	g bullied 2 months			
QN24: Perce through textir before the sur	ntage of student: ig, Instagram, Fa vey)	s who were elect acebook, or other 10.6	ronically bullied social media, e 7.7	(counting being ver during the 12 13.1	g bullied 2 months 12.9	No linear change	Not available	No change
QN24: Perce through textir before the sur QN25: Perce row so that th survey)	ntage of students ig, Instagram, Fa vey) ntage of students ey stopped doing	s who were elect icebook, or other 10.6 s who felt sad or g some usual acti	ronically bullied social media, e 7.7 hopeless (almos vities, ever duri	t (counting being ver during the 12 13.1 t every day for > ng the 12 month	g bullied 2 months 12.9 >=2 weeks in a s before the	No linear change	Not available	No change

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and Violence								
	Healt	h Risk Behavio	or and Percenta	Linear Change*	Quadratic Change [*]	Change from 2015-2017		
2007	2009	2011	2013	2015	2017			
QN26: Percer 12 months bet	ntage of students fore the survey)	s who seriously o	considered attem	pting suicide (e	ver during the			
12.3	15.0	9.6	10.2	14.8	15.4	No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change
QN27: Percer (during the 12	ntage of students 2 months before	s who made a pla the survey)	an about how the	ey would attemp	t suicide			
10.4	12.1	7.9	9.4	13.1	13.4	No linear change	No change, 2007-2013 Increased, 2013-2017	No change
QN28: Percer months before	ntage of students the survey)	s who attempted	suicide (one or	more times duri	ng the 12			
6.7	9.8	4.8	5.1	8.5	10.3	No linear change	No change, 2007-2013 Increased, 2013-2017	No change
QN29: Percer poisoning, or before the sur	ntage of students overdose that ha vey)	s who had a suic d to be treated b	ide attempt that by a doctor or nu	resulted in an in rse (during the 1	jury, 2 months			
3.0	4.9	1.8	1.6	2.6	4.4	No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change

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CBC								
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN30: Perce	ntage of students	s who ever tried	cigarette smokin	g (even one or t	wo puffs)			
58.6	53.4	48.0	48.6	49.0	41.8	Decreased, 2007-2017	No quadratic change	Decreased
QN32: Perce 30 days befor	ntage of students e the survey)	s who currently s	smoked cigarette	s (on at least 1 d	lay during the			
26.7	21.2	21.8	21.0	19.2	17.7	Decreased, 2007-2017	No quadratic change	No change
ONFRCIG: 1	Percentage of stu	dents who curre	ntly smoked ciga	arettes frequently	y (on 20 or			
more days du	ring the 30 days	before the surve	y)					
more days du 14.2	ring the 30 days 11.0	9.6	9.6	7.3	6.6	Decreased, 2007-2017	No quadratic change	No change
more days du 14.2 QNDAYCIG during the 30	ring the 30 days 11.0 : Percentage of s days before the	9.6 students who cur survey)	9.6 rently smoked c	7.3	6.6 on all 30 days	Decreased, 2007-2017	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.

Male

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	Healt	h Risk Behavio	r and Percenta	Linear Change [*]	Quadratic Change [*]	Change from 2015-2017		
2007	2009	2011	2013	2015	2017			
QN33: Perce they smoked cigarettes)	ntage of students during the 30 da	s who smoked m ys before the sur	ore than 10 ciga vey, among stud	rettes per day (o lents who curren	n the days tly smoked			
25.6	15.5	11.7	10.7	11.3	10.8	Decreased, 2007-2017	No quadratic change	No change
QN34: Perce e-cigarettes, e	ntage of students c-cigars, e-pipes,	s who ever used vape pipes, vap	an electronic vaj ing pens, e-hook	por product (inc. tahs, and hookah	luding pens [such as			
QN34: Perce e-cigarettes, e blu, NJOY, V	ntage of students -cigars, e-pipes, 'use, MarkTen, I	s who ever used vape pipes, vap Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo	por product (inc. ahs, and hookah b]) 51.1	luding pens [such as 49.7	No linear change	Not available [§]	No change
QN34: Perce e-cigarettes, (blu, NJOY, V QN35: Perce e-cigarettes, (blu, NJOY, V 30 days befor	ntage of students -cigars, e-pipes, 'use, MarkTen, I -ntage of students -cigars, e-pipes, 'use, MarkTen, I e the survey)	s who ever used vape pipes, vap Logic, Vapin Plu s who currently t vape pipes, vap Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo used an electroni ing pens, e-hook s, eGo, and Halo	por product (inc (ahs, and hookah b]) 51.1 ic vapor product (ahs, and hookah b], on at least 1 c	luding pens [such as 49.7 (including pens [such as lay during the	No linear change	Not available [§]	No change
QN34: Perce e-cigarettes, (blu, NJOY, V QN35: Perce e-cigarettes, (blu, NJOY, V 30 days befor	ntage of students -cigars, e-pipes, 'use, MarkTen, I ntage of students -cigars, e-pipes, 'use, MarkTen, I e the survey)	s who ever used vape pipes, vap Logic, Vapin Plu s who currently t vape pipes, vap Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo used an electron ing pens, e-hook s, eGo, and Halo	por product (inc tahs, and hookah b]) 51.1 ic vapor product tahs, and hookah b], on at least 1 c 32.6	luding pens [such as 49.7 (including pens [such as lay during the 19.1	No linear change Decreased, 2015-2017	Not available [§] Not available	No change Decreased
QN34: Perce e-cigarettes, 6 blu, NJOY, V QN35: Perce e-cigarettes, 6 blu, NJOY, V 30 days befor QN38: Perce cigars, on at 1	ntage of students -cigars, e-pipes, 'use, MarkTen, I ntage of students -cigars, e-pipes, 'use, MarkTen, I e the survey) ntage of students east 1 day during	s who ever used vape pipes, vap Logic, Vapin Plu s who currently v vape pipes, vap Logic, Vapin Plu s who currently s g the 30 days bef	an electronic va ing pens, e-hook s, eGo, and Halo used an electron ing pens, e-hook s, eGo, and Halo smoked cigars (c fore the survey)	por product (inc. (ahs, and hookah b]) 51.1 ic vapor product (ahs, and hookah b], on at least 1 c 32.6 cigars, cigarillos,	luding pens [such as 49.7 (including pens [such as lay during the 19.1 or little	No linear change Decreased, 2015-2017	Not available [®] Not available	No change Decreased

West Virginia High School Survey

10-year Trend Analysis Report

Male Tobacco	Use	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 [†]
	2007	2009	2011	2013	2015	2017	-		
	QNTB2: Perc during the 30	entage of studer days before the s	ts who currently survey)	y smoked cigare	ttes or cigars (or	n at least 1 day			
	33.0	28.6	28.3	28.2	26.4	22.2	Decreased, 2007-2017	No quadratic change	No change
West Virginia High School Survey

10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017
2007	2009	2011	2013	2015	2017			
QN40: Perce least 1 day du	ntage of students ring their life)	s who ever dran	c alcohol (at leas	t one drink of al	cohol, on at			
74.6	71.0	66.9	69.7	63.3	62.1	Decreased, 2007-2017	No quadratic change	No change
QN41: Perce than a few sip	ntage of students	s who had their f	irst drink of alco	bhol before age 1	13 years (other			
31.9	26.8	22.8	24.8	21.8	23.9	Decreased, 2007-2017	No quadratic change	No change
QN42: Perce at least 1 day	ntage of students during the 30 da	s who currently ys before the su	drank alcohol (a rvey)	t least one drink	of alcohol, on			
44.8	40.5	34.7	39.2	29.4	29.6	Decreased, 2007-2017	No quadratic change	No change
QN43: Perce to them (durin	ntage of students	s who usually go fore the survey,	ot the alcohol the among students	y drank by some who currently d	eone giving it Irank alcohol)			
					24.0	NT 11 1	NT 1 1	

West Virginia High School Survey

10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN46: Perce	ntage of students	s who ever used	marijuana (one o	or more times du	ring their life)			
43.6	39.6	41.9	42.0	33.2	36.1	Decreased, 2007-2017	No quadratic change	No change
QN47: Perce	ntage of students	who tried mari	juana for the firs	t time before age	e 13 years			
15.6	10.5	10.6	11.1	9.3	9.7	Decreased, 2007-2017	No quadratic change	No change
QN48: Perce 30 days befor	ntage of students e the survey)	who currently	used marijuana (one or more tim	es during the			
25.4	22.7	24.2	20.5	16.7	18.8	Decreased, 2007-2017	No quadratic change	No change
QN49: Perce powder, crack	ntage of students , or freebase, on	s who ever used e or more times	cocaine (any for during their life)	m of cocaine, in	cluding			
11.8	9.2	7.0	5.4	6.3	7.1	Decreased, 2007-2017	Decreased, 2007-2013	No change

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10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN50: Perce of aerosol spr their life)	entage of students ay cans, or inhal	who ever used ed any paints or	inhalants (sniffe sprays to get hig	d glue, breathed gh, one or more t	the contents times during			
16.2	13.7	10.2	11.3	10.1	7.8	Decreased, 2007-2017	No quadratic change	No change
QN51: Perce White," one of	entage of students or more times du	who ever used ing their life)	heroin (also call	ed "smack," "jur	ık," or "China			
QN51: Perce White," one of 4.7	entage of students or more times due 4.8	who ever used ing their life) 4.3	heroin (also call 2.4	ed "smack," "jur 5.0	nk," or "China 4.7	No linear change	No quadratic change	No change
QN51: Perce White," one o 4.7 QN52: Perce "crystal," "cra	ntage of students or more times due 4.8 ntage of students ank," or "ice," on	s who ever used ing their life) 4.3 s who ever used e or more times	heroin (also call 2.4 methamphetami during their life	ed "smack," "jur 5.0 nes (also called ')	nk," or "China 4.7 "speed,"	No linear change	No quadratic change	No change
QN51: Perce White," one of 4.7 QN52: Perce "crystal," "cra 7.8	ntage of students or more times dur 4.8 ntage of students nk," or "ice," on 6.9	who ever used ing their life) 4.3 who ever used e or more times 5.0	heroin (also call 2.4 methamphetami during their life 3.8	ed "smack," "jur 5.0 nes (also called ') 6.8	nk," or "China 4.7 "speed," 6.2	No linear change No linear change	No quadratic change Decreased, 2007-2013 No change, 2013-2017	No change No change
QN51: Perce White," one of 4.7 QN52: Perce "crystal," "cra 7.8 QN53: Perce times during	ntage of students or more times dur 4.8 ntage of students ank," or "ice," on 6.9 ntage of students their life)	s who ever used ing their life) 4.3 s who ever used e or more times 5.0 s who ever used	heroin (also call 2.4 methamphetami during their life 3.8 ecstasy (also cal	ed "smack," "jur 5.0 nes (also called " 6.8 led "MDMA," o	nk," or "China 4.7 "speed," 6.2 me or more	No linear change No linear change	No quadratic change Decreased, 2007-2013 No change, 2013-2017	No change No change

West Virginia High School Survey

10-year Trend Analysis Report

and Other Dr	ug Use							
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN54: Perce "fake weed," during their li	ntage of students "King Kong," "Y ife)	s who ever used /ucatan Fire," "S	synthetic mariju skunk," or "Moo	ana (also called n Rocks," one or	"K2," "Spice," more times			
C	,			14.8	10.0	Decreased, 2015-2017	Not available [§]	Decreased
QN55: Perce or shots, one	entage of students or more times du	who ever took	steroids without	a doctor's presci	ription (pills			
		ing men me)						
6.8	7.4	6.3	5.4	7.2	5.3	No linear change	No quadratic change	No change
6.8 QN57: Perce illegal drug in	7.4 intage of students ito their body, or	6.3 s who ever inject	5.4 ted any illegal du during their life	7.2 rug (used a need	5.3 le to inject any	No linear change	No quadratic change	No change
6.8 QN57: Perce illegal drug in 3.2	7.4 entage of students nto their body, or 4.5	6.3 s who ever injected or more times 3.4	5.4 ted any illegal du during their life 2.3	7.2 rug (used a needle) 4.7	5.3 le to inject any 3.6	No linear change	No quadratic change	No change No change
6.8 QN57: Perce illegal drug in 3.2 QN58: Perce property (dur	7.4 entage of students nto their body, or 4.5 entage of students ing the 12 month	6.3 s who ever inject the or more times 3.4 s who were offer the survey	5.4 ted any illegal du during their life 2.3 red, sold, or give yey)	7.2 rug (used a needle) 4.7 m an illegal drug	5.3 le to inject any 3.6 on school	No linear change	No quadratic change No quadratic change	No change No change

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10-year Trend Analysis Report

Sexual Behaviors Health Risk Behavior and Percentages Linear Change* **Ouadratic Change*** **Change from** 2015-2017 * 2007 2009 2011 2013 2015 2017 QN59: Percentage of students who ever had sexual intercourse 54.1 53.6 51.8 55.4 44.4 47.7 Decreased, 2007-2017 No quadratic change No change QN60: Percentage of students who had sexual intercourse for the first time before age 13 years 8.5 7.5 7.5 6.9 6.2 4.7 Decreased, 2007-2017 No quadratic change No change QN61: Percentage of students who had sexual intercourse with four or more persons during their life 19.4 17.0 15.4 16.4 14.6 12.6 Decreased, 2007-2017 No quadratic change No change QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) 40.0 38.2 35.9 40.0 32.5 31.8 Decreased, 2007-2017 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.

Male

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10-year Trend Analysis Report

ehaviors								
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017
2007	2009	2011	2013	2015	2017	-		
QN63: Perce intercourse (a	ntage of students mong students w	s who drank alco who were current	bhol or used drug	gs before last sex ve)	ual			
23.9	24.8	27.9	22.5	23.8	17.5	No linear change	No quadratic change	No change
				23.0	17.5	No linear change	i to quadratic change	8
QN64: Perce students who	ntage of students were currently s	s who used a cor exually active)	ndom during last	sexual intercour	rse (among			
QN64: Perce students who 65.7	ntage of students were currently so 61.4	s who used a cor exually active) 62.9	ndom during last 56.9	sexual intercour	rse (among 53.8	Decreased, 2007-2017	No quadratic change	No change
QN64: Perce students who 65.7 QN85: Perce (HIV) (not co	ntage of students were currently so 61.4 ntage of students unting tests done	s who used a cor exually active) 62.9 s who were ever e if they donated	ndom during last 56.9 tested for huma blood)	57.3	rse (among 53.8 ency virus	Decreased, 2007-2017	No quadratic change	No change
QN64: Perce students who 65.7 QN85: Perce (HIV) (not co	ntage of students were currently s 61.4 ntage of students unting tests done	s who used a cor exually active) 62.9 s who were ever e if they donated	adom during last 56.9 tested for huma blood)	sexual intercour 57.3 n immunodeficie 12.9	rse (among 53.8 ency virus 13.0	Decreased, 2007-2017 No linear change	No quadratic change	No change
QN64: Perce students who 65.7 QN85: Perce (HIV) (not co QN65: Perce prevent pregn	ntage of students were currently so 61.4 ntage of students unting tests done ntage of students ancy, among stu	s who used a cor exually active) 62.9 s who were ever e if they donated s who used birth dents who were	adom during last 56.9 tested for huma blood) control pills bef currently sexual	57.3 n immunodeficie 12.9 fore last sexual in lly active)	rse (among 53.8 ency virus 13.0 ntercourse (to	Decreased, 2007-2017 No linear change	No quadratic change	No change No change

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	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNIUDIMP: implant (such pregnancy, an	Percentage of s as Implanon or nong students w	tudents who used Nexplanon) befo ho were currently	l an IUD (such a ore last sexual in y sexually active	s Mirena or Para tercourse (to pre	aGard) or went			
			1.0	3.9	2.0	No linear change	Not available [§]	No change
QNSHPARG: as OrthoEvra) prevent pregn	Percentage of , or birth contro ancy, among stu	students who use l ring (such as N dents who were	ed a shot (such as uvaRing) before currently sexual	s Depo-Provera) last sexual inter ly active))	, patch (such course (to			
			2.8	2.2	3.3	No linear change	Not available	No change
QNOTHHPL: or ParaGard) patch (such as intercourse (to	Percentage of or implant (such orthoEvra), or prevent pregna	students who use as Implanon or birth control ring ncy, among stud	ed birth control p Nexplanon); or a g (such as Nuval ents who were c	vills; an IUD (su a shot (such as D Ring) before last urrently sexually	ch as Mirena Depo-Provera), s sexual y active)			
			24.8	26.0	24.4	No linear change	Not available	No change

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chu (1015	Healt	th Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
ONDUAL BC	· Dercentage of	students who us	- 1 1 41	1 • 1 4	1			
intercourse an Implanon or N birth control r among studen	id birth control p Nexplanon); or a ing (such as Nuv ts who were cur	bills; an IUD (such shot (such as Do vaRing) before la rently sexually a	ch as Mirena or l epo-Provera), pa ast sexual interco ictive)	m during last sex ParaGard) or imj itch (such as Orthourse (to prevent	tual plant (such as hoEvra), or t pregnancy,			
intercourse an Implanon or N birth control r among studen	I referring to a solution of the second seco	students who us bills; an IUD (suc shot (such as Do vaRing) before la rently sexually a	ed both a condo ch as Mirena or l epo-Provera), pa ast sexual interco active) 9.0	m during last sey ParaGard) or im ttch (such as Ortl ourse (to prevent 6.2	ual plant (such as hoEvra), or t pregnancy, 9.0	No linear change	Not available [§]	No change
QNBCNONE during last sex	d birth control p Nexplanon); or a ing (such as Nu its who were cur : Percentage of xual intercourse	students who us oills; an IUD (suc shot (such as De vaRing) before la rently sexually a students who die (among students	d not use any me s who were curre	m during last sey ParaGard) or imj tch (such as Orti ourse (to prevent 6.2 ethod to prevent ently sexually act	vual plant (such as hoEvra), or t pregnancy, 9.0 pregnancy tive)	No linear change	Not available ⁸	No change

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Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNOWT: Per percentile for CDC growth o	rcentage of stude body mass index charts)§	ents who were o x, based on sex-	verweight (>= 8 and age-specific	5th percentile bu reference data f	tt <95th from the 2000			
14.9	13.1	16.1	16.3	16.8	13.9	No linear change	No quadratic change	No change
QNOBESE: 1 index, based o	Percentage of stu on sex- and age-s	idents who had of specific reference	besity (>= 95 th e data from the 2	percentile for bo 2000 CDC growt	ody mass th charts) [§]	L		N. 1
17.5	20.2	19.5	18.8	23.4	23.4	Increased, 2007-2017	No quadratic change	No change
QN68: Percer	ntage of students	s who described	themselves as sl	ightly or very ov	verweight			
24.8	27.9	27.1	29.0	29.2	25.7	No linear change	No change, 2007-2013 No change, 2013-2017	No change
QN69: Percer	ntage of students	s who were tryin	g to lose weight					
29.3	35.4	30.9	35.0	39.6	32.2	No linear change	No quadratic change	Decreased
QN70: Percentimes during t	ntage of students he 7 days before	s who did not dri the survey)	nk fruit juice (10	00% fruit juices	one or more			
22.8	22.0	21.5	22.9	30.1	31.3	Increased, 2007-2017	No change, 2007-2011 Increased, 2011-2017	No change

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

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

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Management a	nnd Dietary Beh Healt	aviors h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN71: Perce before the sur	ntage of students vey)	s who did not ea	t fruit (one or me	ore times during	the 7 days			
17.1	13.3	16.2	12.5	18.0	17.7	No linear change	No quadratic change	No change
orange juice, 8.5	apple juice, or gr 6.8	ape juice, durin 8.1	g the 7 days befo 7.1	Too% fruit juice ore the survey) 10.4	9.4	No linear change	No quadratic change	No change
QNFR1: Pero per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durir	fruit juices one c ng the 7 days bef	or more times fore the			
58.7	58.9	64.8	63.9	53.9	55.4	No linear change	No change, 2007-2011 Decreased, 2011-2017	No change
QNFR2: Peroper day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durir	fruit juices two on the first field of the first field of the first set of	or more times fore the			
29.9	27.5	34.9	35.3	28.9	27.8	No linear change	Increased, 2007-2013	No change

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Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNFR3: Perc per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durin	fruit juices three ng the 7 days bef	or more times ore the			
21.7	17.9	22.4	23.6	19.8	18.5	No linear change	No quadratic change	No change
QN72: Perce days before th	ntage of students ne survey)	s who did not ea	t green salad (on	e or more times	during the 7			
45.4	38.9	43.3	42.7	49.6	51.0	Increased, 2007-2017	No change, 2007-2011 Increased, 2011-2017	No change
QN73: Perce before the sur	ntage of students vey)	s who did not ea	t potatoes (one o	or more times du	ring the 7 days			
25.3	24.6	21.7	25.7	31.8	29.8	Increased, 2007-2017	No quadratic change	No change
QN74: Perce before the sur	ntage of students vey)	s who did not ea	t carrots (one or	more times duri	ng the 7 days			
56.7	50.9	55.0	52.1	58.7	61.3	Increased, 2007-2017	No change, 2007-2013 Increased, 2013-2017	No change

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017	-		
QN75: Perce the 7 days be	ntage of students fore the survey)	s who did not ea	t other vegetable	s (one or more t	mes during			
22.9	22.1	20.6	20.0	29.7	27.9	Increased, 2007-2017	No change, 2007-2011 Increased, 2011-2017	No change
ONVEGO P			4 4 4 . h l	(
[excluding Fr the 7 days be	ench fries, fried fore the survey)	potatoes, or pota	to chips], carrot	s, or other vegeta	atoes ables, during			
[excluding Fr the 7 days be	ercentage of stuc ench fries, fried fore the survey) 6.2	potatoes, or pota	t eat vegetables to chips], carrot 7.7	(green salad, pot s, or other vegeta 11.7	atoes ables, during 11.1	Increased, 2007-2017	No quadratic change	No change
QNVEG1: P salad, potatoe vegetables, du	ercentage of stud fore the survey) 6.2 ercentage of stud s [excluding Fre uring the 7 days]	6.5 lents who ate ve nch fries, fried p	7.7 getables one or r votatoes, or potat	11.7 nore times per d. o chips], carrots	atoes ables, during 11.1 ay (green , or other	Increased, 2007-2017	No quadratic change	No change
QNVEG1: P salad, potatoe vegetables, du	6.2 ercentage of stud fore the survey) 6.2 ercentage of stud is [excluding Fre iring the 7 days] 62.5	6.5 lents who ate ve nch fries, fried p before the surve 64.0	7.7 getables one or r totatoes, or potat y) 62.7	11.7 nore times per d o chips], carrots 53.9	atoes ables, during 11.1 ay (green , or other 52.7	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No change, 2007-2011 Decreased, 2011-2017	No change No change
QNVEG1: P salad, potatoe vegetables, du 58.0 QNVEG2: P salad, potatoe vegetables, du	ercentage of stud ench fries, fried fore the survey) 6.2 ercentage of stud is [excluding Fre iring the 7 days] 62.5 ercentage of stud is [excluding Fre iring the 7 days]	6.5 ents who ate ve nch fries, fried p before the surve 64.0 ents who ate ve nch fries, fried p	7.7 getables one or r otatoes, or potat y) 62.7 getables two or r otatoes, or potat	nore times per d 53.9 nore times per d o chips], carrots 53.9	atoes ables, during 11.1 ay (green , or other 52.7 ay (green , or other	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No change, 2007-2011 Decreased, 2011-2017	No change No change

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNVEG3: P salad, potatoe vegetables, d	ercentage of stud s [excluding Fre uring the 7 days]	lents who ate ve nch fries, fried p before the surve	getables three or ootatoes, or potat y)	more times per to chips], carrots	day (green , or other			
15.3	14.9	19.6	16.4	13.0	11.5	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
QN76: Perce	ntage of students	s who did not dr	ink a can bottle	or glass of soda	on non (auch			
as Coke, Peps survey)	si, or Sprite, not	counting diet so	la or diet pop, di	uring the 7 days	before the			
as Coke, Peps survey) 14.1	si, or Sprite, not of 16.6	17.5	la or diet pop, du 16.4	uring the 7 days	21.1	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 14.1 QNSODA1: more times p the 7 days be	si, or Sprite, not of 16.6 Percentage of stu er day (such as C fore the survey)	17.5 udents who dran oke, Pepsi, or S	la or diet pop, du 16.4 k a can, bottle, o prite, not countin	19.6 r glass of soda or d	21.1 r pop one or iet pop, during	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 14.1 QNSODA1: more times p the 7 days be 50.8	si, or Sprite, not of 16.6 Percentage of stue er day (such as C fore the survey) 35.7	17.5 udents who dran oke, Pepsi, or S 42.6	la or diet pop, du 16.4 k a can, bottle, o prite, not countin 42.5	19.6 r glass of soda or ng diet soda or d 33.7	21.1 or pop one or iet pop, during 30.1	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change No change
as Coke, Peps survey) 14.1 QNSODA1: more times p the 7 days be 50.8 QNSODA2: more times p the 7 days be	si, or Sprite, not of 16.6 Percentage of str er day (such as C fore the survey) 35.7 Percentage of str er day (such as C fore the survey)	17.5 udents who dran oke, Pepsi, or S 42.6 udents who dran oke, Pepsi, or S	la or diet pop, du 16.4 k a can, bottle, o prite, not countin 42.5 k a can, bottle, o prite, not countin	r glass of soda 19.6 r glass of soda o ng diet soda or d 33.7 r glass of soda o ng diet soda or d	21.1 or pop one or iet pop, during 30.1 or pop two or iet pop, during	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change No change

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	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QNSODA3: more times per the 7 days bef	Percentage of str er day (such as C fore the survey)	udents who dran oke, Pepsi, or S	k a can, bottle, o prite, not countin	r glass of soda o ng diet soda or d	r pop three or iet pop, during			
25.8	15.5	17.7	21.5	15.5	13.4	Decreased, 2007-2017	No quadratic change	No change
QN77: Perce	ntage of students	s who did not dr	ink milk (during	the 7 days befor	e the survey)			
			10.9	17.7	18.1	Increased, 2013-2017	Not available [§]	No change
QNMILK1: I (counting the the half pint o	Percentage of stu milk they drank f milk served at	idents who dran in a glass or cup school as equal	k one or more gl o, from a carton, to one glass, dur	asses per day of or with cereal ar ing the 7 days be	milk nd counting efore the			
			53.0	41.2	38.8	Decreased, 2013-2017	Not available	No change
QNMILK2: I (counting the the half pint o	Percentage of stu milk they drank f milk served at	idents who dran in a glass or cup school as equal	k two or more gl o, from a carton, to one glass, dur	asses per day of or with cereal ar ing the 7 days be	milk nd counting efore the			
			· · · · · · · · · · · · · · · · · · ·					

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lanagement a	nd Dietary Beh Healt	iaviors h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from
						-		2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNMILK3: I (counting the	Percentage of stu milk they drank	idents who drank in a glass or cup	k three or more g b. from a carton.	glasses per day o or with cereal at	of milk			
survey)	f milk served at	school as equal	to one glass, dur 18.1	ing the 7 days be	efore the 14.8	No linear change	Not available [§]	No change
QN78: Percer survey)	f milk served at	school as equal	to one glass, dur 18.1 t breakfast (durin	ng the 7 days be	fore the	No linear change	Not available ⁸	No change
QN78: Percessurvey)	f milk served at	school as equal	to one glass, dur 18.1 t breakfast (durin 11.4	ng the 7 days be 12.8 ng the 7 days bef 14.3	fore the 16.0	No linear change Increased, 2013-2017	Not available ⁸ Not available	No change
QN78: Perces survey) QNBK7DAY before the sur	f milk served at ntage of students : Percentage of vey)	school as equal s who did not ear students who ate	to one glass, dur 18.1 t breakfast (durin 11.4 e breakfast on all	ng the 7 days be 12.8 ng the 7 days be 14.3 17 days (during the	fore the 14.8 fore the 16.0 the 7 days	No linear change Increased, 2013-2017	Not available [§] Not available	No change No change

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	Heal	th Risk Behavio	or and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN79: Perce or more days breathe hard	entage of student (in any kind of j some of the time	s who were phys physical activity during the 7 day	sically active at 1 that increased th ys before the sur	east 60 minutes leir heart rate and vey)	per day on 5 d made them			
		63.0	59.2	50.4	53.3	Decreased, 2011-2017	Not available [§]	No change
QNPA0DAY	: Percentage of	students who did	d not participate	in at least 60 mi	nutes of			
QNPA0DAY physical activ rate and made	7: Percentage of vity on at least 1 e them breathe h	students who did day (in any kind ard some of the t	d not participate of physical activitime during the 7	in at least 60 min vity that increase days before the	nutes of ed their heart survey)			
QNPA0DAY physical activ rate and made	Y: Percentage of vity on at least 1 e them breathe h	students who did day (in any kind ard some of the t 10.2	d not participate of physical activitime during the 7 10.1	in at least 60 min vity that increase 7 days before the 15.5	nutes of ed their heart survey) 16.1	Increased, 2011-2017	Not available	No change
QNPA0DAY physical activ rate and made QNPA7DAY on all 7 days breathe hard	 7: Percentage of vity on at least 1 e them breathe h 7: Percentage of (in any kind of p some of the time 	students who did day (in any kind ard some of the t 10.2 students who we hysical activity during the 7 day	d not participate of physical acti- time during the 7 10.1 ere physically ac that increased th ys before the sur	in at least 60 min vity that increase 7 days before the 15.5 tive at least 60 n eir heart rate and vey)	nutes of ed their heart survey) 16.1 ninutes per day l made them	Increased, 2011-2017	Not available	No change
QNPA0DAY physical activ rate and made QNPA7DAY on all 7 days breathe hard	 7: Percentage of vity on at least 1 e them breathe h 7: Percentage of (in any kind of p some of the time 	students who did day (in any kind ard some of the t 10.2 students who we hysical activity during the 7 day 38.4	d not participate of physical acti- time during the 7 10.1 ere physically ac that increased th ys before the sur 42.0	in at least 60 min vity that increase 7 days before the 15.5 tive at least 60 n eir heart rate and vey) 33.0	nutes of ed their heart survey) 16.1 ninutes per day d made them 30.4	Increased, 2011-2017 Decreased, 2011-2017	Not available Not available	No change No change
QNPA0DAY physical activ rate and made QNPA7DAY on all 7 days breathe hard QN80: Perce average scho	7: Percentage of vity on at least 1 e them breathe h 7: Percentage of (in any kind of p some of the time entage of student ol day)	students who did day (in any kind ard some of the t 10.2 students who we shysical activity during the 7 day 38.4 s who watched to	d not participate of physical acti- time during the 7 10.1 ere physically ac that increased th ys before the sur 42.0 elevision 3 or mo	in at least 60 min vity that increase 7 days before the 15.5 tive at least 60 m eir heart rate and vey) 33.0 ore hours per day	nutes of ed their heart survey) 16.1 ninutes per day 1 made them 30.4 y (on an	Increased, 2011-2017 Decreased, 2011-2017	Not available Not available	No change No change

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change fror 2015-2017
2007	2009	2011	2013	2015	2017			
QN81: Perce more hours p other tablet, a for something	entage of student er day (counting a smartphone, tex g that was not scl	s who played vic time spent on th ting, YouTube, nool work, on an	leo or computer ings such as Xb Instagram, Face average school	games or used a ox, PlayStation, a book, or other so day)	computer 3 or an iPad or ocial media,			
32.1	26.9	34.2	43.0	44.9	39.8	Increased, 2007-2017	No quadratic change	No change
QN82: Perce days (in an av 39.1	entage of student verage week whe 39.5	s who attended p in they were in so 42.8	ohysical educatio chool) 42.9	on (PE) classes of 40.1	n 1 or more 46.2	No linear change	No quadratic change	No change
QN82: Perce days (in an av 39.1 QNDLYPE: days (in an av	entage of student verage week whe 39.5 Percentage of st verage week whe	s who attended p in they were in s 42.8 udents who atter in they were in s	physical education chool) 42.9 Inded physical ed chool)	on (PE) classes o 40.1 ucation (PE) clas	n 1 or more 46.2 sses on all 5	No linear change	No quadratic change	No change
QN82: Perce days (in an av 39.1 QNDLYPE: days (in an av 29.7	entage of student: verage week whe 39.5 Percentage of st verage week whe 27.4	s who attended p in they were in s 42.8 udents who atter in they were in s 32.0	hysical educatio chool) 42.9 ded physical ed chool) 33.9	on (PE) classes of 40.1 ucation (PE) clas 25.6	n 1 or more 46.2 sses on all 5 30.8	No linear change No linear change	No quadratic change No quadratic change	No change No change
QN82: Perce days (in an av 39.1 QNDLYPE: days (in an av 29.7 QN83: Perce run by their s	entage of student: verage week whe 39.5 Percentage of st verage week whe 27.4 entage of student chool or commu	s who attended p in they were in s 42.8 udents who atter in they were in s 32.0 s who played on nity groups, duri	hysical educatio chool) 42.9 ded physical ed chool) 33.9 at least one spor ng the 12 month	on (PE) classes of 40.1 ucation (PE) clas 25.6 rts team (countin s before the surv	n 1 or more 46.2 sses on all 5 30.8 g any teams rey)	No linear change No linear change	No quadratic change No quadratic change	No change No change

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	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change fro 2015-2017
2007	2009	2011	2013	2015	2017			
QN86: Perce other dental v	ntage of students ork, during the	s who saw a den 12 months befor	tist (for a check- e the survey)	up, exam, teeth o	cleaning, or			
				70.2	74.0	No linear change	Not available	No change
QNNODNT:	Percentage of st	tudents who neve	er saw a dentist ((for a check-up,	exam, teeth	No mear change	Not available	
QNNODNT: cleaning, or o	Percentage of st ther dental work	tudents who nev	er saw a dentist ((for a check-up, 2.3	exam, teeth	No linear change	Not available	No change
QNNODNT: cleaning, or o QN87: Perce asthma	Percentage of students	tudents who neve) s who had ever b	er saw a dentist (been told by a do	(for a check-up, 2.3 ctor or nurse tha	exam, teeth 2.5 t they had	No linear change	Not available	No change
QNNODNT: cleaning, or o QN87: Perce asthma 23.7	Percentage of st ther dental work ntage of students 24.9	tudents who neve) s who had ever b 22.3	er saw a dentist (been told by a doo 20.0	(for a check-up, 2.3 ctor or nurse tha 27.1	exam, teeth 2.5 t they had 24.2	No linear change	Not available	No change No change
QNNODNT: cleaning, or o QN87: Perce asthma 23.7 QN88: Perce night)	Percentage of sitter dental work ntage of students 24.9 ntage of students	tudents who neve) s who had ever b 22.3 s who got 8 or m	er saw a dentist (been told by a do 20.0 core hours of slee	(for a check-up, 2.3 ctor or nurse tha 27.1 ep (on an average	exam, teeth 2.5 t they had 24.2 e school	No linear change	Not available	No change No change

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Male Other	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
	2007	2009	2011	2013	2015	2017			
_	QN89: Percer (during the 12	ntage of students months before	s who described the survey)	their grades in s	chool as mostly	A's or B's			
					70.8	74.4	No linear change	Not available [§]	No change

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	Healt	th Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change fron 2015-2017
2007	2009	2011	2013	2015	2017			
QN8: Percen driven by som	tage of students neone else)	who rarely or ne	ver wore a seat	belt (when riding	g in a car			
13.5	11.5	10.4	6.9	9.0	6.8	Decreased, 2007-2017	No quadratic change	No change
QN9: Percen or other vehic	tage of students	who rode with a times during the	driver who had 30 days before t	been drinking al the survey)	cohol (in a car			
QN9: Percen or other vehic 22.0 QN10: Perce	tage of students ele, one or more 25.9	who rode with a times during the 17.5 s who drove a ca tring the 30 days	driver who had 30 days before t 16.0 r or other vehicl before the surve	been drinking al the survey) 16.5 e when they had	cohol (in a car 12.0 been drinking	Decreased, 2007-2017	No quadratic change	Decreased
QN9: Percen or other vehic 22.0 QN10: Perce alcohol (one driven a car o	tage of students ele, one or more 25.9 Intage of students or more times du or other vehicle d	who rode with a times during the 17.5 s who drove a cauring the 30 days luring the 30 days	driver who had 30 days before to 16.0 r or other vehicl before the surver s before the surver	been drinking al the survey) 16.5 e when they had ey, among studen /ey)	12.0 been drinking nts who had	Decreased, 2007-2017	No quadratic change	Decreased
QN9: Percen or other vehic 22.0 QN10: Perce alcohol (one of driven a car of	tage of students ele, one or more 25.9 Intage of students or more times du or other vehicle d	who rode with a times during the 17.5 s who drove a ca tring the 30 days luring the 30 day	driver who had 30 days before to 16.0 r or other vehicl before the surve s before the surve 4.7	been drinking al the survey) 16.5 e when they had ey, among studen yey) 4.8	2.6	Decreased, 2007-2017 No linear change	No quadratic change Not available ⁸	Decreased No change
QN9: Percen or other vehic 22.0 QN10: Perce alcohol (one of driven a car of QN11: Perce (on at least 1 or other vehic	tage of students 25.9 Intage of students or more times du or other vehicle d Intage of students day during the 3 cle during the 30	who rode with a times during the 17.5 s who drove a ca uring the 30 days luring the 30 day s who texted or e 0 days before the days before the	driver who had 30 days before to 16.0 r or other vehicl before the surve s before the surve 4.7 e-mailed while d e survey, among survey)	been drinking al he survey) 16.5 e when they had ey, among studen yey) 4.8 riving a car or o students who ha	ther vehicle ad driven a car	Decreased, 2007-2017 No linear change	No quadratic change Not available [§]	Decreased No chang

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017
2007	2009	2011	2013	2015	2017			
QN12: Perce least 1 day du	entage of students uring the 30 days	s who carried a v before the surve	weapon (such as ey)	a gun, knife, or	club, on at			
7.4	10.5	6.0	8.7	13.4	9.7	No linear change	No quadratic change	No change
ON13: Perce	entage of students	s who carried a v	veapon on schoo	ol property (such	as a gun.			
QN13: Perce knife, or club 3.2	entage of students o, on at least 1 day 3.0	s who carried a v y during the 30 c 1.4	veapon on schoo lays before the s 1.8	ol property (such survey) 3.8	as a gun, 1.5	No linear change	No quadratic change	Decreased
QN13: Perce knife, or club 3.2 QN15: Perce on their way	entage of students o, on at least 1 day 3.0 entage of students to or from schoo	s who carried a v y during the 30 c 1.4 s who did not go l (on at least 1 da	veapon on schoo lays before the s 1.8 to school becau ay during the 30	bl property (such survey) 3.8 use they felt unsa days before the	as a gun, 1.5 fe at school or survey)	No linear change	No quadratic change	Decreased
QN13: Perce knife, or club 3.2 QN15: Perce on their way 6.7	entage of students o, on at least 1 day 3.0 entage of students to or from schoo 7.5	s who carried a v y during the 30 c 1.4 s who did not go l (on at least 1 da 5.7	veapon on schoo lays before the s 1.8 to school becau ay during the 30 8.5	bl property (such survey) 3.8 Ise they felt unsa days before the 9.4	as a gun, 1.5 fe at school or survey) 7.0	No linear change	No quadratic change No quadratic change	Decreased No change
QN13: Perce knife, or club 3.2 QN15: Perce on their way 6.7 QN16: Perce property (suc survey)	entage of students o, on at least 1 day 3.0 entage of students to or from schoo 7.5 entage of students h as a gun, knife	s who carried a v y during the 30 c 1.4 s who did not go l (on at least 1 da 5.7 s who were threa , or club, one or	veapon on schoo lays before the s 1.8 to school becau ay during the 30 8.5 attened or injured more times duri	3.8 ase they felt unsa days before the 9.4 I with a weapon ng the 12 month	as a gun, 1.5 fe at school or survey) 7.0 on school s before the	No linear change No linear change	No quadratic change No quadratic change	Decreased 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.

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [*]	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN17: Perce months before	ntage of students e the survey)	s who were in a	physical fight (o	ne or more times	s during the 12			
23.0	24.4	17.8	18.7	14.0	10.4	Decreased, 2007-2017	No quadratic change	No change
times during t 9.0 ON19: Perce	the 12 months be 7.6	efore the survey) 6.9	6.8	4.2 d to have sexual	3.1	Decreased, 2007-2017	No quadratic change	No change
(when they di 12.1	d not want to) 14.1	10.9	11.9	12.7	12.7	No linear change	No quadratic change	No change
QN21: Perce someone they kissing, touch want to, one of dated or went	ntage of students were dating or g ing, or being ph or more times du out with someon	s who experience going out with to ysically forced to ring the 12 mon ne during the 12	ed sexual dating o do sexual thing o have sexual int ths before the su months before t	violence (being s [counting such tercourse] that th rvey, among stud he survey)	forced by things as ey did not dents who			

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

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	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QN22: Perce hurt on purpo being hit, slat during the 12 someone duri	entage of student see by someone t mmed into some months before t ing the 12 month	s who experience hey were dating thing, or injured he survey, amon s before the surv	ed physical datin or going out wit with an object of g students who c ey)	g violence (bein h [counting such r weapon] one o lated or went ou	ng physically n things as r more times t with			
			13.8	11.2	10.8	No linear change	Not available [§]	No change
ON22: Dama								
months befor	entage of students the survey)	s who were bulli	ed on school pro	perty (ever duri	ng the 12			
months befor	entage of students the survey) 25.6	s who were bulli 21.5	ed on school pro 28.3	operty (ever durin 30.1	ng the 12 26.2	No linear change	Not available	No change
QN23: Perce months befor QN24: Perce through textin before the sur	entage of student: e the survey) 25.6 entage of student: ng, Instagram, Fa rvey)	s who were bulli 21.5 s who were elect acebook, or other	ed on school pro 28.3 ronically bullied social media, er	30.1 (counting being ver during the 12	ng the 12 26.2 g bullied 2 months	No linear change	Not available	No change
QN23: Perce months befor QN24: Perce through textin before the sur	entage of student: e the survey) 25.6 entage of student: ng, Instagram, Fa rvey)	s who were bulli 21.5 s who were elect acebook, or other 20.7	ed on school pro 28.3 ronically bullied social media, er 27.4	30.1 (counting being ver during the 12 27.6	ng the 12 26.2 g bullied 2 months 25.3	No linear change	Not available Not available	No change No change
QN23: Perce months befor dhrough textin before the sur QN25: Perce row so that th survey)	entage of student e the survey) 25.6 entage of student ng, Instagram, Fa rvey) entage of student hey stopped doing	s who were bulli 21.5 s who were elect acebook, or other 20.7 s who felt sad or g some usual act	ed on school pro 28.3 ronically bullied social media, er 27.4 hopeless (almos ivities, ever duri	30.1 30.1 (counting being ver during the 12 27.6 at every day for > ng the 12 month	ng the 12 26.2 g bullied 2 months 25.3 >=2 weeks in a s before the	No linear change No linear change	Not available Not available	No change

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nd Violence								
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017
2007	2009	2011	2013	2015	2017			
QN26: Perce 12 months be	ntage of students fore the survey)	s who seriously o	considered attern	pting suicide (ev	ver during the			
19.8	21.0	16.7	20.5	22.8	20.7	No linear change	No quadratic change	No change
QN27: Perce (during the 12	ntage of students 2 months before	s who made a pla the survey)	an about how the	ey would attempt	suicide			
14.0	15.9	12.4	16.2	17.6	15.2	No linear change	No quadratic change	No change
								i to enunge
QN28: Perce months befor	ntage of students the survey)	s who attempted	suicide (one or	nore times durin	g the 12			
QN28: Perce months befor 11.4	ntage of students e the survey) 11.7	s who attempted 6.2	suicide (one or 1	more times durin 11.3	g the 12 8.3	No linear change	No quadratic change	No change
QN28: Perce months befor 11.4 QN29: Perce poisoning, or before the sur	ntage of students e the survey) 11.7 ntage of students overdose that ha vey)	s who attempted 6.2 s who had a suic d to be treated b	suicide (one or 1 10.0 ide attempt that y a doctor or nu	nore times durin 11.3 resulted in an inj rse (during the 1	g the 12 8.3 ury, 2 months	No linear change	No quadratic change	No change

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change fro 2015-2017
2007	2009	2011	2013	2015	2017			
QN30: Perce	ntage of students	s who ever tried	cigarette smokir	g (even one or t	wo puffs)			
59.8	57.0	46.2	45.4	45.8	37.1	Decreased, 2007-2017	No quadratic change	Decreased
QN32: Perce 30 days befor	entage of students the survey)	s who currently s	moked cigarette	s (on at least 1 d	ay during the			
28.4	22.2	16.3	18.3	18/	10.2	I AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		
		10.5	10.5	10.4	10.5	Decreased, 2007-2017	No quadratic change	Decreased
QNFRCIG: 1 more days du	Percentage of sturing the 30 days	idents who curre before the surve	ntly smoked cig	arettes frequently	70.5 y (on 20 or	Decreased, 2007-2017	No quadratic change	Decreased
QNFRCIG: 1 more days du 14.5	Percentage of sturring the 30 days 11.7	dents who curre before the surve 7.0	ntly smoked cig y) 8.3	arettes frequently 7.6	4.3	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change	Decreased
QNFRCIG: 1 more days du 14.5 QNDAYCIG during the 30	Percentage of sturing the 30 days 11.7 : Percentage of starts and	dents who curre before the surve 7.0 students who cur survey)	ntly smoked cig y) 8.3 rently smoked c	arettes frequently 7.6 igarettes daily (o	4.3 on all 30 days	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	Decreased

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

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	Healt	th Risk Behavio	or and Percenta	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QN34: Perce e-cigarettes, e blu, NJOY, V	ntage of students e-cigars, e-pipes, 'use, MarkTen, I	s who ever used vape pipes, vap logic, Vapin Plu	an electronic va ing pens, e-hook is, eGo, and Halo	por product (incl ahs, and hookah o])	luding pens [such as			
				46.9	38.9	Decreased, 2015-2017	Not available [§]	Decreased
QN35: Perce e-cigarettes, e	ntage of students c-cigars, e-pipes,	s who currently vape pipes, vap	used an electroni ing pens, e-hook	ic vapor product ahs, and hookah	(including pens [such as			
QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor	ntage of students e-cigars, e-pipes, 'use, MarkTen, I e the survey)	s who currently vape pipes, vap Logic, Vapin Plu	used an electroni ing pens, e-hook is, eGo, and Halo	ic vapor product tahs, and hookah b], on at least 1 d 29.6	(including pens [such as lay during the 8.9	Decreased, 2015-2017	Not available	Decreased
QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce cigars, on at 1	ntage of students -cigars, e-pipes, 'use, MarkTen, I e the survey) ntage of students east 1 day during	s who currently vape pipes, vap Logic, Vapin Plu s who currently g the 30 days bei	used an electroni ing pens, e-hook is, eGo, and Halo smoked cigars (c fore the survey)	ic vapor product ahs, and hookah o], on at least 1 d 29.6 tigars, cigarillos,	(including pens [such as lay during the 8.9 or little	Decreased, 2015-2017	Not available	Decreased
QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce cigars, on at 1 8.5	ntage of student: cigars, e-pipes, /use, MarkTen, I e the survey) ntage of student: east 1 day during 8.7	s who currently vape pipes, vap Logic, Vapin Plu s who currently g the 30 days bes 6.1	used an electroni ing pens, e-hook is, eGo, and Halo smoked cigars (c fore the survey) 8.9	ic vapor product ahs, and hookah b], on at least 1 c 29.6 cigars, cigarillos, 10.2	(including pens [such as lay during the 8.9 or little 6.5	Decreased, 2015-2017 No linear change	Not available No quadratic change	Decreased
QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce cigars, on at 1 8.5 QNTB2: Per during the 30	ntage of students c-cigars, e-pipes, 'use, MarkTen, I e the survey) ntage of students east 1 day during 8.7 centage of studen days before the	s who currently vape pipes, vap Logic, Vapin Plu s who currently g the 30 days be 6.1 nts who currentl survey)	used an electroni ing pens, e-hook is, eGo, and Halo smoked cigars (c fore the survey) 8.9 y smoked cigare	ic vapor product ahs, and hookah b], on at least 1 d 29.6 digars, cigarillos, 10.2 ttes or cigars (or	(including pens [such as lay during the 8.9 or little 6.5 a at least 1 day	Decreased, 2015-2017 No linear change	Not available No quadratic change	Decreased

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	Healt	h Risk Behavio	r and Percenta		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QN40: Perce least 1 day du	ntage of students ring their life)	s who ever drank	alcohol (at leas	t one drink of al	cohol, on at			
76.2	75.8	70.2	69.3	67.0	66.5	Decreased, 2007-2017	No quadratic change	No change
QN41: Perce than a few sig	ntage of students	s who had their f	irst drink of alco	bhol before age 1	3 years (other			
23.0	18.1	15.6	16.1	14.8	14.5	Decreased, 2007-2017	No quadratic change	No change
ON42. Damas	ntage of students	s who currently o ys before the sur	drank alcohol (at rvey)	least one drink	of alcohol, on			
at least 1 day	daning the bo da			<u> 22 7</u>	260	D 1 2007 2017	NT. 1.41	No shanaa
at least 1 day 42.1	40.2	33.8	35.0	32.7	26.0	Decreased, 2007-2017	No quadratic change	No change
QN42: Perce at least 1 day 42.1 QN43: Perce to them (durin	40.2 ntage of students	33.8 s who usually go efore the survey,	35.0 t the alcohol the among students	y drank by some who currently d	26.0 cone giving it rank alcohol)	Decreased, 2007-2017	No quadratic change	No change

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and Other Dru	ug Use Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN46: Perce	ntage of students	s who ever used	marijuana (one o	or more times du	ring their life)			
38.0	37.9	31.7	36.0	36.1	33.4	No linear change	No quadratic change	No change
QN47: Perce	ntage of students	s who tried mari	juana for the firs	t time before age	e 13 years			
6.6	7.0	4.3	7.1	7.4	7.0	No linear change	No quadratic change	No change
QN48: Percer 30 days before	ntage of students e the survey)	s who currently	used marijuana (one or more tim	es during the			
21.4	17.6	15.1	17.4	16.3	17.6	No linear change	Decreased, 2007-2011 No change, 2011-2017	No change
QN49: Percer powder, crack	ntage of students , or freebase, on	s who ever used e or more times	cocaine (any for during their life)	m of cocaine, in	cluding			
10.2	7.0	3.1	5.0	2.8	3.8	Decreased 2007-2017	No quadratic change	No change

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and Other Dr	ug Use Healt	h Risk Behavio	r and Percenta		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QN50: Perce of aerosol spr their life)	ntage of students ay cans, or inhal	who ever used ed any paints or	inhalants (sniffe sprays to get hig	d glue, breathed gh, one or more t	the contents imes during			
22.0	16.2	9.3	7.0	8.6	5.5	Decreased, 2007-2017	Decreased, 2007-2013 No change, 2013-2017	Decreased
QN51: Perce White," one o	ntage of students or more times du	who ever used ing their life)	heroin (also call	ed "smack," "jun	ık," or "China			
2.5	3.2	1.6	1.8	1.8	1.1	Decreased, 2007-2017	No quadratic change	No change
QN52: Perce "crystal," "cra	ntage of students ink," or "ice," on	who ever used e or more times	methamphetami during their life	nes (also called ')	'speed,"			
8.3	5.5	2.3	3.5	2.6	2.4	Decreased, 2007-2017	No quadratic change	No change
QN53: Perce times during t	ntage of students heir life)	who ever used	ecstasy (also cal	led "MDMA," or	ne or more			
4.0	5.8	2.8	4.0	49	3.1	Decreased 2007-2017	No quadratic change	No change

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	ug Use Healt	h Risk Behavio	r and Percenta		Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
QN54: Perce "fake weed," during their li	entage of students "King Kong," "Y ife)	s who ever used /ucatan Fire," "S	synthetic mariju Skunk," or "Moo	ana (also called n Rocks," one or	"K2," "Spice," r more times			
-				14.3	5.7	Decreased, 2015-2017	Not available [§]	Decreased
ON55. D.								
or shots, one	or more times du	s who ever took uring their life)	steroids without	a doctor's presci	ription (pills			
or shots, one 3.0	or more times du 4.1	s who ever took ring their life) 1.1	1.5	a doctor's presci	ription (pills	Decreased, 2007-2017	No quadratic change	No change
QN55: Perce or shots, one 3.0 QN57: Perce illegal drug in	entage of students or more times du 4.1 entage of students nto their body, or	s who ever took iring their life) 1.1 s who ever injec ae or more times	1.5 ted any illegal da during their life	a doctor's presci 1.9 rug (used a need	1.5 le to inject any	Decreased, 2007-2017	No quadratic change	No change
QN55: Perce or shots, one 3.0 QN57: Perce illegal drug ir 2.2	entage of students or more times du 4.1 entage of students nto their body, or 3.3	s who ever took tring their life) 1.1 s who ever injec te or more times 0.9	1.5 ted any illegal d during their life 1.9	a doctor's presci 1.9 rug (used a need.) 2.1	1.5 le to inject any 0.9	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change Decreased
QN55: Perce or shots, one 3.0 QN57: Perce illegal drug ir 2.2 QN58: Perce property (dur	4.1 entage of students ato their body, or 3.3 entage of students ing the 12 month	s who ever took tring their life) 1.1 s who ever injec te or more times 0.9 s who were offer ts before the surv	1.5 ted any illegal d during their life 1.9 red, sold, or give vey)	a doctor's presci 1.9 rug (used a need) 2.1 m an illegal drug	1.5 le to inject any 0.9 g on school	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change Decreased

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Sexual Behaviors Health Risk Behavior and Percentages Linear Change* **Ouadratic Change*** **Change from** 2015-2017 * 2007 2009 2011 2013 2015 2017 QN59: Percentage of students who ever had sexual intercourse 53.0 54.7 50.1 52.1 49.0 44.2 Decreased, 2007-2017 No quadratic change No change QN60: Percentage of students who had sexual intercourse for the first time before age 13 years 4.3 4.6 2.3 3.2 4.1 2.6 No linear change No quadratic change No change QN61: Percentage of students who had sexual intercourse with four or more persons during their life 13.6 10.2 10.2 14.6 15.1 11.3 No linear change No quadratic change No change QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) 42.8 42.4 39.4 40.4 39.0 Decreased, 2007-2017 34.6 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.

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жна v ют 5	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN63: Perce intercourse (a	ntage of students mong students w	s who drank alco who were current	bhol or used drug ly sexually activ	gs before last sex re)	ual			
20.3	20.1	12.3	14.2	14.4	12.8	Decreased, 2007-2017	No quadratic change	No change
QN64: Perce students who 56.9	ntage of students were currently s 48.4	s who used a cor exually active) 57.7	dom during last 49.6	sexual intercour 47.1	se (among 48.1	Decreased, 2007-2017	No quadratic change	No change
QN64: Perce students who 56.9 QN85: Perce (HIV) (not co	ntage of students were currently s 48.4 ntage of students unting tests dong	s who used a cor exually active) 57.7 s who were ever e if they donated	49.6 tested for human blood)	sexual intercour 47.1 n immunodeficie	se (among 48.1 ncy virus	Decreased, 2007-2017	No quadratic change	No change
QN64: Perce students who 56.9 QN85: Perce (HIV) (not co	ntage of students were currently s 48.4 ntage of students unting tests done	s who used a cor exually active) 57.7 s who were ever e if they donated	49.6 tested for human blood)	47.1 n immunodeficie 13.4	se (among 48.1 ncy virus 10.9	Decreased, 2007-2017 No linear change	No quadratic change Not available ⁸	No change No change
QN64: Perce students who 56.9 QN85: Perce (HIV) (not co QN65: Perce prevent pregn	ntage of students were currently s 48.4 ntage of students unting tests done ntage of students ancy, among stu	s who used a cor exually active) 57.7 s who were ever e if they donated s who used birth dents who were	49.6 tested for human blood) control pills bef currently sexual	47.1 n immunodeficie 13.4 Tore last sexual ir ly active)	se (among 48.1 ncy virus 10.9 ttercourse (to	Decreased, 2007-2017 No linear change	No quadratic change Not available ⁸	No change No change

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	Healt	h Risk Behavio	or and Percentag	Linear Change [*]	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
QNIUDIMP: implant (such pregnancy, ar	Percentage of s as Implanon or nong students w	tudents who use Nexplanon) befo ho were currentl	d an IUD (such a ore last sexual in ly sexually active	as Mirena or Para tercourse (to pre	aGard) or event			
			1.3	3.1	4.9	No linear change	Not available [§]	No change
QNSHPARG as OrthoEvra) prevent pregn	: Percentage of), or birth contro ancy, among stu	students who us l ring (such as N dents who were	ed a shot (such as NuvaRing) before currently sexual	s Depo-Provera) last sexual inter ly active))), patch (such rcourse (to			
			7.1	7.2	8.4	No linear change	Not available	No change
QNOTHHPL or ParaGard) patch (such as intercourse (to	: Percentage of or implant (such s OrthoEvra), or o prevent pregna	students who us as Implanon or birth control rin ncy, among stud	ed birth control p Nexplanon); or a g (such as Nuval dents who were c	bills; an IUD (su a shot (such as D Ring) before last currently sexuall	ch as Mirena Depo-Provera), t sexual y active)			
		- 0						

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Sehaviors								
	Healt	h Risk Behavio	or and Percenta	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
01011153					· · · · ·			
QNDUALBC: intercourse and Implanon or N birth control ri among student	Percentage of d birth control p lexplanon); or a ing (such as Nur ts who were cur	students who us bills; an IUD (su shot (such as D vaRing) before l rently sexually a	ed both a condo ch as Mirena or epo-Provera), pa ast sexual interc active)	m during last sex ParaGard) or im atch (such as Ort ourse (to preven	xual plant (such as hoEvra), or t pregnancy,			
QNDUALBC: intercourse and Implanon or N birth control ri among student	Percentage of d birth control p lexplanon); or a ing (such as Nur ts who were cur	students who us bills; an IUD (su shot (such as D vaRing) before l rently sexually a	ted both a condo ch as Mirena or epo-Provera), pa ast sexual interc active) 13.1	m during last se ParaGard) or im atch (such as Ort ourse (to preven 15.7	xual plant (such as hoEvra), or t pregnancy, 14.7	No linear change	Not available [§]	No change
QNDUALBC: intercourse and Implanon or N birth control ri among student QNBCNONE: during last sex	Percentage of d birth control p lexplanon); or a ing (such as Nur is who were cur Percentage of cual intercourse	students who us ills; an IUD (su shot (such as D vaRing) before l rently sexually a students who di (among students	ed both a condo ch as Mirena or epo-Provera), pa ast sexual interc active) 13.1 d not use any me s who were curre	m during last sex ParaGard) or im atch (such as Ort ourse (to preven 15.7 ethod to prevent ently sexually ac	xual plant (such as hoEvra), or t pregnancy, 14.7 pregnancy tive)	No linear change	Not available [§]	No change

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNOWT: Pe percentile for CDC growth	ercentage of stude body mass index charts) [§]	ents who were o x, based on sex-	verweight (>= 8 and age-specific	5th percentile bu reference data f	tt <95th from the 2000			
18.6	15.6	15.3	14.8	17.1	18.2	No linear change	No quadratic change	No change
QNOBESE:	Percentage of st	idents who had	$b_{acity} (z - 05tb)$		1			
index, based	on sex- and age-s	specific reference	e data from the 2	2000 CDC grow	th charts) [§]			
index, based of 11.5	on sex- and age-s	specific reference 9.5	e data from the 2 12.5	2000 CDC growt 12.2	th charts) [§] 15.4	Increased, 2007-2017	No quadratic change	No change
index, based o 11.5 QN68: Perce	7.6	s who described	themselves as sl	2000 CDC grown 12.2	th charts) [§] 15.4 verweight	Increased, 2007-2017	No quadratic change	No change
index, based 11.5 QN68: Perce 37.7	7.6 ntage of students 33.5	9.5 s who described 38.4	themselves as sl 42.7	ightly or very ov 36.2	15.4 verweight 35.5	Increased, 2007-2017 No linear change	No quadratic change No quadratic change	No change No change
index, based of 11.5 QN68: Perce 37.7 QN69: Perce	7.6 ntage of students 33.5 ntage of students	s who described 38.4	themselves as sl 42.7 g to lose weight	ightly or very ov 36.2	th charts) [§] 15.4 verweight 35.5	Increased, 2007-2017 No linear change	No quadratic change No quadratic change	No change No change
index, based o 11.5 QN68: Perce 37.7 QN69: Perce 62.2	7.6 ntage of students 33.5 ntage of students 62.3	s who described 38.4 s who were tryin 63.5	themselves as sl 42.7 g to lose weight 65.8	ightly or very ov 36.2	th charts) [§] 15.4 verweight 35.5 57.9	Increased, 2007-2017 No linear change No linear change	No quadratic change No quadratic change No quadratic change	No change No change No change
index, based of 11.5 QN68: Perce 37.7 QN69: Perce 62.2 QN70: Perce times during	rtage of students 33.5 ntage of students 62.3 ntage of students 62.3	s who described 38.4 s who were tryin 63.5 s who did not dri t the survey)	themselves as sl 42.7 g to lose weight 65.8	ightly or very ov 36.2 200% fruit juices	verweight 57.9 one or more	Increased, 2007-2017 No linear change No linear change	No quadratic change No quadratic change No quadratic change	No change No change No change

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

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

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Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QN71: Percer before the sur	ntage of students vey)	s who did not ea	t fruit (one or me	ore times during	the 7 days			
11.7	13.2	11.3	11.3	10.8	11.6	No linear change	No quadratic change	No change
QNFR0: Perc orange juice,	centage of studer apple juice, or gr	nts who did not e cape juice, durin	eat fruit or drink g the 7 days befo	100% fruit juice ore the survey)	es (such as			
6.0	6.6	5.7	5.6	5.7	6.4	No linear change	No quadratic change	No change
QNFR1: Perc per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f grape juice, durir	fruit juices one ong the 7 days bef	or more times fore the			
53.5	58.0	59.3	57.0	56.2	53.1	No linear change	Increased, 2007-2011 No change, 2011-2017	No change
QNFR2: Perc per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f grape juice, durir	fruit juices two on the function of the functi	or more times fore the			
25.2	28.7	31.1	27.1	26.8	24.1	No linear change	No change, 2007-2011 No change, 2011-2017	No change
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	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNFR3: Pero per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durin	fruit juices three ag the 7 days bef	or more times fore the			
16.4	17.2	18.8	17.1	16.7	14.3	No linear change	No change, 2007-2011 No change, 2011-2017	No change
QN72: Perce days before th	ntage of students ne survey)	s who did not ea	t green salad (on	e or more times	during the 7			
32.3	34.2	30.7	32.4	34.7	35.9	No linear change	No quadratic change	No change
QN73: Perce before the sur	ntage of students vey)	s who did not ea	t potatoes (one o	r more times du	ring the 7 days			
25.2	28.2	25.3	27.3	29.7	29.9	No linear change	No quadratic change	No change
QN74: Perce before the sur	ntage of students vey)	s who did not ea	t carrots (one or	more times duri	ng the 7 days			

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Management a	ınd Dietary Beh Healt	naviors h Risk Behavio	r and Percenta	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
QN75: Perce the 7 days bef	ntage of students fore the survey)	s who did not ea	t other vegetable	es (one or more t	imes during			
13.5	17.8	15.3	18.1	17.9	17.6	No linear change	No quadratic change	No change
the 7 days bef 4.2	fore the survey) 5.9	4.7	5.4	4.9	5.9	No linear change	No quadratic change	No change
QNVEG1: Po salad, potatoe	ercentage of stud s [excluding Fre uring the 7 days	lents who ate ve nch fries, fried p	getables one or 1 potatoes, or potat	nore times per d to chips], carrots	ay (green , or other			
62.1	61.6	66.1	62.0	57.7	57.4	Decreased, 2007-2017	No quadratic change	No change
QNVEG2: Po salad, potatoe	ercentage of stuc s [excluding Fre uring the 7 days	lents who ate ve nch fries, fried p	getables two or potatoes, or po	more times per d to chips], carrots	ay (green , or other			
vegetables, du	aning the 7 days	berore the surve	//					

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Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNVEG3: Po salad, potatoe vegetables, du	ercentage of stud s [excluding Fre uring the 7 days	lents who ate ve nch fries, fried p before the surve	getables three or potatoes, or potat y)	more times per to chips], carrots	day (green , or other			
12.3	13.9	17.8	14.0	12.7	9.6	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	Decreased
QN76: Perce as Coke, Peps survey)	ntage of students	s who did not dri counting diet soo	ink a can, bottle, la or diet pop, du	or glass of soda uring the 7 days	or pop (such before the			
17.7	20.6	22.3	23.8	24.0	25.3	Increased, 2007-2017	No quadratic change	No change
QNSODA1: more times per the 7 days bef	Percentage of str er day (such as C fore the survey)	udents who dran oke, Pepsi, or S	k a can, bottle, o prite, not countin	r glass of soda o ng diet soda or d	or pop one or iet pop, during			
40.6	33.3	35.6	33.7	26.4	21.4	Decreased, 2007-2017	No quadratic change	Decreased
QNSODA2: more times per the 7 days bef	Percentage of str er day (such as C fore the survey)	udents who dran oke, Pepsi, or S	k a can, bottle, o prite, not countin	r glass of soda o ng diet soda or d	or pop two or iet pop, during			
29.3	23.8	25.2	26.2	18.9	13.1	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	Decreased

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	Healt	h Risk Behavio	or and Percentag		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QNSODA3: more times pe the 7 days bef	Percentage of st er day (such as C fore the survey)	udents who dran Coke, Pepsi, or S	k a can, bottle, o prite, not countir	r glass of soda o ng diet soda or d	r pop three or iet pop, during			
17.6	13.9	13.5	16.0	11.5	7.2	Decreased, 2007-2017	No quadratic change	Decreased
QN77: Perce	ntage of student	s who did not dr	ink milk (during	the 7 days befor	e the survey)			
			23.6	24.6	28.1	No linear change	Not available [§]	No change
QNMILK1: 1 (counting the the half pint c	Percentage of stu milk they drank of milk served at	idents who dran in a glass or cup school as equal	k one or more gla b, from a carton, to one glass, dur	asses per day of or with cereal ar ing the 7 days be	milk nd counting efore the			
			34.8	26.3	26.3	Decreased, 2013-2017	Not available	No change
QNMILK2: 1	Percentage of stu milk they drank	idents who dran	k two or more gl o, from a carton,	asses per day of or with cereal ar	milk nd counting			
(counting the the half pint c	of milk served at	school as equal	to one glass, dur	ing the 7 days be	efore the			

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

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Management a	nd Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QNMILK3: If (counting the the half pint o survey)	Percentage of stu milk they drank f milk served at	idents who drank in a glass or cup school as equal	three or more g , from a carton, to one glass, dur	plasses per day o or with cereal ar ing the 7 days be	f milk nd counting efore the			
•			10.2	69	8.8	No linear change	Not available [§]	
			10.2	0.9	0.0	No intear change	Not available	No change
QN78: Percer survey)	ntage of students	s who did not ea	t breakfast (durin	ng the 7 days bet	fore the	No meat change	Not available"	No change
QN78: Percer survey)	ntage of students	s who did not ea	t breakfast (durin 13.5	ng the 7 days bef	fore the 11.9	No linear change	Not available	No change
QN78: Percer survey) QNBK7DAY before the sur	ntage of students : Percentage of vey)	s who did not eat	t breakfast (durin 13.5 e breakfast on all	ng the 7 days bef 15.2 7 days (during t	fore the 11.9 the 7 days	No linear change	Not available	No change No change

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	Heal	th Risk Behavio	or and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN79: Perce or more days breathe hard	entage of student (in any kind of J some of the time	s who were phys physical activity during the 7 day	sically active at 1 that increased th ys before the sur	east 60 minutes eir heart rate and vey)	per day on 5 d made them			
		41.4	37.6	39.2	35.4	No linear change	Not available [§]	No change
QNPA0DAY physical activ rate and made	• Percentage of vity on at least 1 e them breathe h	students who did day (in any kind ard some of the t	d not participate of physical activities during the 7	in at least 60 mi vity that increase days before the	nutes of ed their heart survey)			
QNPA0DAY physical activ rate and made	T: Percentage of vity on at least 1 e them breathe h	students who did day (in any kind ard some of the t 16.5	d not participate of physical acti- time during the 7 20.2	in at least 60 mi vity that increase days before the 18.8	nutes of ed their heart e survey) 17.0	No linear change	Not available	No change
QNPA0DAY physical activ rate and made QNPA7DAY on all 7 days breathe hard	 Percentage of vity on at least 1 e them breathe h Y Percentage of (in any kind of p some of the time 	students who did day (in any kind ard some of the t 16.5 students who we obysical activity during the 7 day	d not participate of physical acti- time during the 7 20.2 ere physically ac- that increased th ys before the sur	in at least 60 mi vity that increase days before the 18.8 tive at least 60 n eir heart rate and vey)	nutes of ed their heart survey) 17.0 ninutes per day d made them	No linear change	Not available	No change
QNPA0DAY physical activ rate and made QNPA7DAY on all 7 days breathe hard	 Percentage of vity on at least 1 e them breathe h Tercentage of (in any kind of p some of the time 	students who did day (in any kind ard some of the t 16.5 students who we obysical activity during the 7 day 19.2	d not participate of physical acti- time during the 7 20.2 ere physically ac- that increased th ys before the sur 19.6	in at least 60 mi vity that increase days before the 18.8 tive at least 60 n eir heart rate and vey) 18.3	nutes of ed their heart survey) 17.0 ninutes per day d made them 16.1	No linear change No linear change	Not available Not available	No change No change
QNPA0DAY physical activ rate and made QNPA7DAY on all 7 days breathe hard QN80: Perce average school	 Percentage of vity on at least 1 e them breathe h Percentage of (in any kind of p some of the time of the time entage of student ol day) 	students who did day (in any kind ard some of the t 16.5 students who we obysical activity e during the 7 day 19.2 s who watched to	d not participate of physical acti- time during the 7 20.2 ere physically ac- that increased th ys before the sur 19.6 elevision 3 or mo	in at least 60 mi vity that increase days before the 18.8 tive at least 60 m eir heart rate and vey) 18.3 ore hours per day	nutes of ed their heart e survey) 17.0 ninutes per day d made them 16.1 y (on an	No linear change No linear change	Not available Not available	No change No change

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

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Activity	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN81: Perce more hours p other tablet, a for something	entage of students er day (counting a smartphone, tez g that was not sc!	s who played vic time spent on th tting, YouTube, hool work, on an	leo or computer ings such as Xb Instagram, Face average school	games or used a ox, PlayStation, book, or other so day)	computer 3 or an iPad or ocial media,			
23.1	21.2	30.1	40.1	41.9	41.7	Increased, 2007-2017	No quadratic change	No change
QN82: Perce days (in an av 26.9	entage of students verage week whe 25.0	s who attended p on they were in so 28.3	hysical educatio chool) 33.4	on (PE) classes o 33.1	n 1 or more 30.5	Increased, 2007-2017	No quadratic change	No change
QNDLYPE: days (in an av	Percentage of st verage week whe	udents who atter on they were in s	ded physical ed chool)	ucation (PE) clas	sses on all 5			
21.0	20.3	23.1	27.5	24.7	23.3	No linear change	No quadratic change	No change
		· · · · · · · · ·						
QN83: Perce run by their s	entage of student chool or commu	s who played on nity groups, duri	at least one spor ng the 12 month	is before the surv	vey)			

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	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN86: Percer other dental w	ntage of students ork, during the	s who saw a den 12 months befor	tist (for a check- e the survey)	up, exam, teeth o	cleaning, or			
				74.2	70.4	No linear change	Not available [§]	No change
		1 / 1	1	/4.3	79.4	No mear change	Not available ³	No change
QNNODNT: cleaning, or or	Percentage of st ther dental work	udents who nev	er saw a dentist (/4.3 (for a check-up, 0.4	exam, teeth	No linear change	Not available	No change
QNNODNT: cleaning, or or QN87: Percer asthma	Percentage of st ther dental work	udents who neve) s who had ever b	er saw a dentist (een told by a do	/4.3 (for a check-up, 0.4 ctor or nurse tha	exam, teeth 0.9 t they had	No linear change	Not available	No change
QNNODNT: cleaning, or or QN87: Percer asthma 25.9	Percentage of st ther dental work ntage of students 26.4	s who had ever b 23.2	er saw a dentist (een told by a doo 22.0	74.3 (for a check-up, 0.4 ctor or nurse tha 24.9	exam, teeth 0.9 t they had 23.3	No linear change	Not available Not available No quadratic change	No change No change

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

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	Healt	h Risk Behavio	r and Percenta	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
QN89: Perce (during the 12	ntage of students 2 months before	s who described the survey)	their grades in s	chool as mostly 80.9	A's or B's 84.5	No linear change	Not available ⁸	No change
•	2007 QN89: Perce (during the 12	Healt 2007 2009 QN89: Percentage of student (during the 12 months before	Health Risk Behavio 2007 2009 2011 QN89: Percentage of students who described (during the 12 months before the survey) Survey	Health Risk Behavior and Percentage 2007 2009 2011 2013 QN89: Percentage of students who described their grades in se (during the 12 months before the survey) survey)	Health Risk Behavior and Percentages 2007 2009 2011 2013 2015 QN89: Percentage of students who described their grades in school as mostly (during the 12 months before the survey) 80.9	Health Risk Behavior and Percentages200720092011201320152017QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)80.984.5	Health Risk Behavior and Percentages Linear Change* 2007 2009 2011 2013 2015 2017 QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey) 80.9 84.5 No linear change	Health Risk Behavior and PercentagesLinear Change*Quadratic Change*200720092011201320152017QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 morters)80.984.5No linear changeNot available§

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change ^{\dagger}	Quadratic Change ⁺	Change fro 2015-2017
2007	2009	2011	2013	2015	2017			
QN8: Percen driven by son	tage of students neone else)	who rarely or ne	ver wore a seat l	belt (when riding	g in a car			
16.1	13.7	13.8	11.1	10.9	7.9	Decreased, 2007-2017	No quadratic change	Decreased
QN9: Percen	tage of students	who rode with a	driver who had	been drinking al	cohol (in a car			
or other vehic 23.6	cle, one or more t 24.6	times during the 18.4	30 days before t 17.1	he survey) 16.1	12.3	Decreased, 2007-2017	No quadratic change	Decreased
Or other vehic 23.6 QN10: Perce alcohol (one driven a car of	24.6 entage of students or more times du or other vehicle d	times during the 18.4 s who drove a ca ring the 30 days uring the 30 day	30 days before t 17.1 r or other vehicl before the surve s before the surve	he survey) 16.1 e when they had ey, among studer rey)	12.3 been drinking hts who had	Decreased, 2007-2017	No quadratic change	Decreased
Or other vehic 23.6 QN10: Perce alcohol (one driven a car o	24.6 entage of students or more times du or other vehicle d	times during the 18.4 s who drove a ca ring the 30 days uring the 30 day	30 days before t 17.1 r or other vehicl before the surve s before the surve 7.2	he survey) 16.1 e when they had y, among studen yey) 6.1	12.3 been drinking nts who had 5.4	Decreased, 2007-2017 No linear change	No quadratic change	Decreased No change
QN10: Perce alcohol (one o driven a car o QN11: Perce (on at least 1 or other vehic	cle, one or more t 24.6 entage of students or more times du or other vehicle d entage of students day during the 30 cle during the 30	times during the 18.4 s who drove a ca ring the 30 days uring the 30 day s who texted or e 0 days before the days before the	30 days before t 17.1 r or other vehicl before the surve s before the surve 7.2 mailed while d e survey, among survey)	he survey) 16.1 e when they had ey, among student (ey) 6.1 riving a car or o students who had	12.3 been drinking nts who had 5.4 ther vehicle id driven a car	Decreased, 2007-2017 No linear change	No quadratic change Not available [¶]	Decreased No change

White*

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change †	Change from 2015-2017 [§]
2007	2009	2011	2013	2015	2017			
QN12: Perce least 1 day du	ntage of students ring the 30 days	s who carried a v before the surve	veapon (such as y)	a gun, knife, or	club, on at			
20.1	24.1	20.8	24.5	26.0	23.4	Increased, 2007-2017	No quadratic change	No change
QN13: Perce knife, or club	ntage of student , on at least 1 da	s who carried a v y during the 30 c 5 4	veapon on schoo lays before the s	ol property (such urvey) 6 2	as a gun, 4 7	No linear change	No quadratic change	No change
QN13: Perce knife, or club 6.3	ntage of student , on at least 1 da 6.3	s who carried a v y during the 30 c 5.4	veapon on schoo lays before the s 5.6	ol property (such urvey) 6.2	as a gun, 4.7	No linear change	No quadratic change	No change
QN13: Perce knife, or club 6.3 QN15: Perce on their way t	ntage of student , on at least 1 da 6.3 ntage of student	s who carried a v y during the 30 c 5.4 s who did not go l (on at least 1 da	veapon on schoo lays before the s 5.6 to school becau ay during the 30	bl property (such urvey) 6.2 se they felt unsa days before the	as a gun, 4.7 fe at school or survey)	No linear change	No quadratic change	No change
QN13: Perce knife, or club 6.3 QN15: Perce on their way t 6.4	ntage of student, on at least 1 da 6.3 ntage of student o or from schoo 7.2	s who carried a v y during the 30 c 5.4 s who did not go l (on at least 1 da 4.7	veapon on school lays before the s 5.6 to school becau ay during the 30 6.3	bl property (such urvey) 6.2 se they felt unsa days before the 8.1	as a gun, 4.7 fe at school or survey) 6.3	No linear change No linear change	No quadratic change No quadratic change	No change No change
QN13: Perce knife, or club 6.3 QN15: Perce on their way t 6.4 QN16: Perce property (such survey)	ntage of student, on at least 1 da 6.3 ntage of student to or from schoo 7.2 ntage of student h as a gun, knife	s who carried a v y during the 30 c 5.4 s who did not go l (on at least 1 da 4.7 s who were threa , or club, one or	veapon on school lays before the s 5.6 to school becau ay during the 30 6.3 ttened or injured more times duri	ol property (such urvey) 6.2 se they felt unsa days before the 8.1 with a weapon ng the 12 month	as a gun, 4.7 fe at school or survey) 6.3 on school s before the	No linear change No linear change	No quadratic change No quadratic change	No change No change

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nd Violence								
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change ^{\dagger}	Quadratic Change [†]	Change fro 2015-2017
2007	2009	2011	2013	2015	2017			
QN17: Perce months before	ntage of students e the survey)	s who were in a	physical fight (o	ne or more times	during the 12			
28.8	29.8	24.9	24.5	19.4	18.4	Decreased, 2007-2017	No quadratic change	No change
times during t 12.2 QN19: Perce (when they di	he 12 months be 10.3 ntage of students d not want to)	fore the survey) 9.8 s who were ever	9.1 physically force	6.8 d to have sexual	5.7 intercourse	Decreased, 2007-2017	No quadratic change	No change
9.0	10.5	8.6	7.3	9.3	8.3	No linear change	No quadratic change	No change
QN21: Perce someone they kissing, touch want to, one of dated or went	ntage of students were dating or g ing, or being phy or more times due out with someon	s who experience going out with to ysically forced to ring the 12 mont ne during the 12	ed sexual dating o do sexual thing o have sexual init ths before the su months before t 8.7	violence (being s [counting such tercourse] that th rvey, among stud he survey) 8.8	forced by things as ey did not lents who 6.1	Decreased, 2013-2017	Not available [¶]	No change

White*

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nd Violence								
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change †	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN22: Perce hurt on purpo being hit, slat during the 12 someone duri	entage of students ose by someone the mmed into somethe months before the ing the 12 month	s who experience hey were dating hing, or injured he survey, amon s before the surv	ed physical datin or going out with with an object of g students who d ey)	g violence (bein h [counting such r weapon] one o lated or went ou	ng physically n things as r more times t with			
	0		10.4	9.7	8.3	No linear change	Not available [¶]	No change
QN23: Perce months befor	entage of students re the survey)	s who were bulli	ed on school pro	perty (ever duri	ng the 12			
	23.3	18.8	22.5	24.5	23.4	No linear change	Not available	No change
QN24: Perce through textin before the sur	entage of students ng, Instagram, Fa rvey)	s who were elect cebook, or other	ronically bullied r social media, ev	l (counting being ver during the 12	g bullied 2 months			
		15.7	17.6	20.1	18.6	No linear change	Not available	No change
QN25: Perce row so that th survey)	entage of students ney stopped doing	s who felt sad or g some usual act	hopeless (almos ivities, ever duri	at every day for 2 ng the 12 month	>=2 weeks in a as before the			
30.5	29.7	24.5	27.2	32.4	32.1	No linear change	Decreased, 2007-2011	No change

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and Violence								
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change †	Change from 2015-2017 [§]
2007	2009	2011	2013	2015	2017			
QN26: Perce 12 months be	ntage of students fore the survey)	s who seriously o	considered attem	npting suicide (ev	ver during the			
15.9	17.6	13.4	15.0	18.7	18.0	No linear change	No quadratic change	No change
QN27: Perce	ntage of students	s who made a pla	an about how the	ev would attemp	t suicide	;		
(during the 12	2 months before	the survey)		- ,				
(during the 12 12.4	2 months before 1 13.8	the survey) 10.1	12.5	14.9	14.6	No linear change	No quadratic change	No change
(during the 12 12.4 QN28: Perce months befor	2 months before 1 13.8 ntage of students e the survey)	the survey) 10.1 s who attempted	12.5 suicide (one or	14.9 more times durir	14.6 ng the 12	No linear change	No quadratic change	No change
(during the 12 12.4 QN28: Perce months befor 8.7	2 months before 1 13.8 ntage of students e the survey) 10.2	the survey) 10.1 s who attempted 5.5	12.5 suicide (one or 7.2	14.9 more times durir 9.6	14.6 ng the 12 9.0	No linear change	No quadratic change No quadratic change	No change No change
(during the 12 12.4 QN28: Perce months befor 8.7 QN29: Perce poisoning, or before the sur	2 months before t 13.8 intage of students e the survey) 10.2 intage of students overdose that ha intage)	the survey) 10.1 s who attempted 5.5 s who had a suic id to be treated b	12.5 suicide (one or 7.2 ide attempt that y a doctor or nu	14.9 more times durir 9.6 resulted in an in rse (during the 1	14.6 ng the 12 9.0 uury, 2 months	No linear change No linear change	No quadratic change No quadratic change	No change No change

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change ^{\dagger}	Quadratic Change [†]	Change fro 2015-2017
2007	2009	2011	2013	2015	2017			
QN30: Perce	ntage of students	s who ever tried	cigarette smokin	ng (even one or t	wo puffs)			
58.8	54.1	47.1	46.8	47.1	39.3	Decreased, 2007-2017	No quadratic change	Decreased
30 days befor 27.7	the survey) 21.6	19.3	20.2	18.8	14.3	Decreased, 2007-2017	No quadratic change	No change
ONEDCIC: 1	Percentage of stu	dents who curre	ntly smoked cig	arettes frequently	(on 20 or			
more days du	ring the 30 days	before the surve	y)					
more days du 14.5	ring the 30 days 11.3	before the surve 8.3	y) 9.0	7.4	5.7	Decreased, 2007-2017	No quadratic change	No change
QNDAYCIG during the 30	: Percentage of star days before the	8.3 students who cursurvey)	9.0 rently smoked c	7.4 igarettes daily (o	5.7 on all 30 days	Decreased, 2007-2017	No quadratic change	No change

White*

West Virginia High School Survey

10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017
2007	2009	2011	2013	2015	2017			
QN33: Perce they smoked cigarettes)	ntage of students during the 30 da	s who smoked m ys before the sur	ore than 10 ciga vey, among stuc	rettes per day (o lents who curren	n the days tly smoked			
20.4	10.7	11.2	7.9	9.7	9.3	Decreased, 2007-2017	Decreased, 2007-2013 No change, 2013-2017	No change
QN34: Perce e-cigarettes, e blu, NJOY, V	ntage of students e-cigars, e-pipes, Yuse, MarkTen, I	s who ever used vape pipes, vap Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo	por product (inc. ahs, and hookah b])	luding pens [such as	Na linaan daaraa	Netilektef	NI- shares
QN34: Perce e-cigarettes, e blu, NJOY, V	ntage of students e-cigars, e-pipes, Yuse, MarkTen, I	s who ever used vape pipes, vap Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo	por product (inc. ahs, and hookah b]) 48.6	luding pens [such as 43.3	No linear change	Not available [¶]	No change
QN34: Perce e-cigarettes, e blu, NJOY, V QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor	ntage of students -cigars, e-pipes, 'use, MarkTen, I -ntage of students -cigars, e-pipes, 'use, MarkTen, I re the survey)	s who ever used vape pipes, vap Logic, Vapin Plu s who currently t vape pipes, vap Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo used an electron ing pens, e-hook s, eGo, and Halo	por product (inc ahs, and hookah b]) 48.6 ic vapor product ahs, and hookah b], on at least 1 c	luding pens [such as 43.3 (including pens [such as lay during the	No linear change	Not available [¶]	No change
QN34: Perce e-cigarettes, e blu, NJOY, V QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor	ntage of students -cigars, e-pipes, /use, MarkTen, I -ntage of students -cigars, e-pipes, /use, MarkTen, I e the survey)	s who ever used vape pipes, vap Logic, Vapin Plu s who currently t vape pipes, vap Logic, Vapin Plu	an electronic va ing pens, e-hook s, eGo, and Halo used an electron ing pens, e-hook s, eGo, and Halo	por product (inc ahs, and hookah b]) 48.6 ic vapor product ahs, and hookah b], on at least 1 c 31.6	luding pens [such as 43.3 (including pens [such as lay during the 14.4	No linear change Decreased, 2015-2017	Not available [¶] Not available	No change Decreased
QN34: Perce e-cigarettes, e blu, NJOY, V QN35: Perce e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce cigars, on at l	ntage of students -cigars, e-pipes, /use, MarkTen, I -ntage of students -cigars, e-pipes, /use, MarkTen, I e the survey) -ntage of students east 1 day during	s who ever used vape pipes, vap Logic, Vapin Plu s who currently to vape pipes, vap Logic, Vapin Plu s who currently s g the 30 days bef	an electronic va ing pens, e-hook s, eGo, and Halo used an electron ing pens, e-hook s, eGo, and Halo smoked cigars (c fore the survey)	por product (inc. ahs, and hookah b]) 48.6 ic vapor product ahs, and hookah b], on at least 1 c 31.6 :igars, cigarillos.	luding pens [such as 43.3 (including pens [such as lay during the 14.4 . or little	No linear change Decreased, 2015-2017	Not available [¶]	No change Decreased

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White* Tobacco	Use	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 [§]
	2007	2009	2011	2013	2015	2017	-		
_	QNTB2: Perc during the 30	centage of studer days before the	nts who currently survey)	y smoked cigare	ttes or cigars (or	1 at least 1 day			
	31.1	26.1	23.6	24.8	24.2	17.5	Decreased, 2007-2017	No quadratic change	Decreased

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 [§]
2007	2009	2011	2013	2015	2017			
QN40: Perce least 1 day du	ntage of students ring their life)	s who ever drank	alcohol (at leas	t one drink of al	cohol, on at			
75.9	73.3	68.3	70.0	65.2	64.1	Decreased, 2007-2017	No quadratic change	No change
QN41: Perce than a few sip	ntage of students	s who had their f	irst drink of alco	bhol before age 1	13 years (other			
26.8	22.3	19.2	20.6	17.8	18.9	Decreased, 2007-2017	No quadratic change	No change
QN42: Perce at least 1 day	ntage of students during the 30 da	s who currently only before the sum	drank alcohol (at rvey)	least one drink	of alcohol, on			
43.9	40.3	34.4	37.3	31.5	27.3	Decreased, 2007-2017	No quadratic change	Decreased
	ntage of students	s who usually go	t the alcohol the	y drank by some	cone giving it			
QN43: Perce to them (durin	ng the 30 days be	efore the survey,	among students	who currently u	and aconory			

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change fron 2015-2017 [§]
2007	2009	2011	2013	2015	2017			
QN46: Perce	ntage of students	s who ever used	marijuana (one o	or more times du	ring their life)			
40.3	37.3	35.6	37.8	34.1	33.6	Decreased, 2007-2017	No quadratic change	No change
QN47: Perce	ntage of students	s who tried marij	uana for the firs	t time before age	e 13 years			
10.3	7.7	7.0	8.8	7.7	8.0	No linear change	No quadratic change	No change
QN48: Perce 30 days befor	ntage of students e the survey)	s who currently u	used marijuana (one or more tim	es during the			
22.8	18.9	19.0	18.2	15.9	17.7	Decreased, 2007-2017	No quadratic change	No change
QN49: Perce powder, crack	ntage of students, or freebase, on	s who ever used e or more times	cocaine (any for during their life)	m of cocaine, in	cluding			
11.2	7.8	5.0	4.9	4.2	5.1	Decreased, 2007-2017	Decreased, 2007-2011	No change

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and Other Dr	1g Use Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change ⁺	Change from 2015-2017 [§]
2007	2009	2011	2013	2015	2017			
QN50: Perce of aerosol spr their life)	ntage of students ay cans, or inhal	who ever used ed any paints or	inhalants (sniffe sprays to get hig	d glue, breathed gh, one or more t	the contents times during			
19.5	15.2	9.7	8.9	8.8	6.1	Decreased, 2007-2017	No quadratic change	Decreased
QN51: Perce White," one of 3.4	ntage of students r more times dur 3.7	who ever used ing their life) 2.8	heroin (also call 1.7	ed "smack," "jur 3.0	nk," or "China 2.4	Decreased, 2007-2017	No quadratic change	No change
QN52: Perce "crystal," "cra	ntage of students nk," or "ice," on	who ever used e or more times	methamphetami during their life	nes (also called	"speed,"			
8.1	6.1	3.3	3.3	4.0	3.8	Decreased, 2007-2017	Decreased, 2007-2011 No change, 2011-2017	No change
	<u> </u>	who ever used	ecstasy (also cal	led "MDMA." o	ne or more		· · · ·	
QN53: Perce times during	ntage of students heir life)	who ever used	cestusy (uise eur					

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	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 [§]
2007	2009	2011	2013	2015	2017			
QN54: Perce "fake weed," during their l	entage of students "King Kong," "Y ife)	s who ever used Yucatan Fire," "S	synthetic mariju skunk," or "Moo	ana (also called n Rocks," one or	"K2," "Spice," r more times			
8				14.6	7.6	Decreased, 2015-2017	Not available [¶]	Decreased
QN55: Perce or shots, one	entage of students or more times du	s who ever took uring their life)	steroids without	a doctor's prescr	ription (pills			
QN55: Perce or shots, one 4.8	entage of students or more times du 5.6	s who ever took uring their life) 3.6	steroids without 2.8	a doctor's prescr 4.1	ription (pills 3.3	Decreased, 2007-2017	No quadratic change	No change
QN55: Perce or shots, one 4.8 QN57: Perce illegal drug in	entage of students or more times du 5.6 entage of students nto their body, or	s who ever took tring their life) 3.6 s who ever inject the or more times	steroids without 2.8 ted any illegal dr during their life	a doctor's prescr 4.1 rug (used a need	ription (pills 3.3 le to inject any	Decreased, 2007-2017	No quadratic change	No change
QN55: Perce or shots, one 4.8 QN57: Perce illegal drug in 2.5	entage of students or more times du 5.6 entage of students nto their body, or 3.8	s who ever took tring their life) 3.6 s who ever inject the or more times 2.1	steroids without 2.8 ted any illegal da during their life 1.7	a doctor's prescr 4.1 rug (used a need t) 2.9	ription (pills 3.3 le to inject any 1.9	Decreased, 2007-2017 No linear change	No quadratic change No quadratic change	No change No change
QN55: Perce or shots, one 4.8 QN57: Perce illegal drug in 2.5 QN58: Perce property (dur	entage of students or more times du 5.6 entage of students nto their body, or 3.8 entage of students ing the 12 month	s who ever took tring their life) 3.6 s who ever inject the or more times 2.1 s who were offer as before the surv	steroids without 2.8 ted any illegal du during their life 1.7 red, sold, or give rey)	a doctor's prescr 4.1 rug (used a need) 2.9 m an illegal drug	ription (pills 3.3 le to inject any 1.9 g on school	Decreased, 2007-2017 No linear change	No quadratic change No quadratic change	No change No change

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Sexual Behaviors Linear Change[†] **Change from** Health Risk Behavior and Percentages Quadratic Change[†] 2015-2017 § 2007 2009 2011 2013 2015 2017 QN59: Percentage of students who ever had sexual intercourse 53.4 53.0 49.9 52.9 46.4 45.1 Decreased, 2007-2017 No quadratic change No change QN60: Percentage of students who had sexual intercourse for the first time before age 13 years 5.7 5.4 4.6 4.3 4.6 3.3 Decreased, 2007-2017 No quadratic change No change QN61: Percentage of students who had sexual intercourse with four or more persons during their life 15.4 14.4 11.8 14.9 13.0 10.5 Decreased, 2007-2017 No quadratic change No change QN62: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) 40.8 40.1 37.3 39.2 35.6 33.1 Decreased, 2007-2017 No quadratic change No change

White*

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Behaviors								
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change †	Change from 2015-2017 [§]
2007	2009	2011	2013	2015	2017	-		
QN63: Percer intercourse (a	ntage of students mong students w	s who drank alco who were current	bhol or used drug	gs before last sex ve)	ual			
21.4	22.5	18.4	18.7	18.3	14.4	Decreased, 2007-2017	No quadratic change	No change
QN64: Perces students who	ntage of students were currently s	s who used a cor exually active)	ndom during last	t sexual intercour	se (among			
QN64: Perces students who 61.0	ntage of students were currently so 54.3	s who used a cor exually active) 60.0	ndom during last 51.2	t sexual intercour 51.1	se (among 51.3	Decreased, 2007-2017	No quadratic change	No change
QN64: Perces students who 61.0 QN85: Perces (HIV) (not co	ntage of students were currently so 54.3 ntage of students unting tests done	s who used a cor exually active) 60.0 s who were ever e if they donated	100m during last 51.2 tested for huma blood)	51.1 n immunodeficie	se (among 51.3 ncy virus	Decreased, 2007-2017	No quadratic change	No change
QN64: Perces students who 61.0 QN85: Perces (HIV) (not co	ntage of students were currently so 54.3 ntage of students unting tests done	s who used a cor exually active) 60.0 s who were ever e if they donated	100m during last 51.2 tested for huma blood)	t sexual intercour 51.1 n immunodeficie 12.5	se (among 51.3 ncy virus 11.7	Decreased, 2007-2017 No linear change	No quadratic change Not available [¶]	No change No change
QN64: Perces students who 61.0 QN85: Perces (HIV) (not co QN65: Perces prevent pregn	ntage of students were currently so 54.3 ntage of students unting tests done ntage of students ancy, among stu	s who used a cor exually active) 60.0 s who were ever e if they donated s who used birth dents who were	tested for huma blood) control pills bef	t sexual intercour 51.1 n immunodeficie 12.5 fore last sexual ir lly active)	se (among 51.3 ncy virus 11.7 ttercourse (to	Decreased, 2007-2017 No linear change	No quadratic change Not available¶	No change No change

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Sehaviors								
	Healt	h Risk Behavio	r and Percentag	;es		Linear Change ^{\dagger}	Quadratic Change †	Change from 2015-2017 [§]
2007	2009	2011	2013	2015	2017			
QNIUDIMP: implant (such pregnancy, ar	Percentage of states as Implanon or nong students w	tudents who used Nexplanon) befo ho were currentl	l an IUD (such a ore last sexual int y sexually active	s Mirena or Para ercourse (to pre	aGard) or vent			
			0.7	3.3	3.8	Increased, 2013-2017	Not available [¶]	No change
QNSHPARG as OrthoEvra) prevent pregn	: Percentage of s), or birth contro lancy, among stu	students who use l ring (such as N idents who were	ed a shot (such as uvaRing) before currently sexual	Depo-Provera) last sexual inter ly active))	, patch (such course (to			
			5.1	5.2	5.9	No linear change	Not available	No change

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	Healt	h Risk Behavio	or and Percentag	ges		Linear Change [†]	Quadratic Change †	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
ONDUALBC	: Percentage of	students who us	ed both a condor	m during last sex	cual			
QNDUALBC intercourse an Implanon or N birth control r among studen	Percentage of ad birth control p Nexplanon); or a ing (such as Nur ts who were cur	students who us bills; an IUD (suc shot (such as D vaRing) before l rently sexually a	ed both a condor ch as Mirena or l epo-Provera), pa ast sexual interco active)	m during last sex ParaGard) or imp tch (such as Orth ourse (to prevent	tual plant (such as noEvra), or pregnancy,			
QNDUALBC intercourse an Implanon or N birth control r among studen	: Percentage of d birth control p Nexplanon); or a ing (such as Nur ts who were cur	students who us ills; an IUD (su- shot (such as D- vaRing) before l rently sexually a	ed both a condor ch as Mirena or l epo-Provera), pa ast sexual interco active) 10.6	m during last sex ParaGard) or imp tch (such as Ort ourse (to prevent 12.2	cual blant (such as noEvra), or pregnancy, 12.4	No linear change	Not available [¶]	No change
QNDUALBC intercourse an Implanon or N birth control r among studen QNBCNONE during last se:	: Percentage of d birth control p Nexplanon); or a ing (such as Nur ts who were cur : Percentage of xual intercourse	students who us pills; an IUD (suc shot (such as D vaRing) before 1 rently sexually a students who di (among students	ed both a condor ch as Mirena or l epo-Provera), pa ast sexual interco active) 10.6 d not use any me s who were curre	m during last sex ParaGard) or imp tch (such as Ortl ourse (to prevent 12.2 ethod to prevent ently sexually act	cual plant (such as noEvra), or pregnancy, 12.4 pregnancy tive)	No linear change	Not available [¶]	No change

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	Health Risk Behavior and Percentages						Quadratic Change ^{\dagger}	Change from 2015-2017 [§]
2007	2009	2011	2013	2015	2017			
QNOWT: Pe percentile for CDC growth	ercentage of stude body mass index charts)¶	ents who were o x, based on sex-	verweight (>= 8 and age-specific	5th percentile bu reference data f	nt <95th From the 2000			
16.8	14.1	16.3	15.2	16.7	16.1	No linear change	No quadratic change	No change
UNUBESE!	Percentage of st	idents who had a	obesity (>= 95th	percentile for b	odv mass			
index, based on 14.8	Percentage of stu- on sex- and age-s 14.1	adents who had of specific reference 14.3	besity (>= 95th e data from the 2 15.5	percentile for be 2000 CDC grow 17.3	ody mass th charts) [¶] 19.6	Increased, 2007-2017	No quadratic change	No change
QNOBESE: index, based o 14.8 QN68: Perce	Percentage of stu on sex- and age-s 14.1 ntage of students	adents who had of specific reference 14.3 s who described	bebesity (>= 95th e data from the 2 15.5 themselves as sl	percentile for be 2000 CDC grow 17.3 ightly or very ov	ody mass th charts) [¶] 19.6 verweight	Increased, 2007-2017	No quadratic change	No change
QNOBESE: index, based of 14.8 QN68: Perce 31.4	Percentage of stu on sex- and age-s 14.1 ntage of students 30.9	adents who had of specific reference 14.3 s who described 33.2	bebesity (>= 95th e data from the 2 15.5 themselves as sl 36.2	percentile for be 2000 CDC grow 17.3 ightly or very ov 33.0	ody mass th charts) [¶] 19.6 verweight 30.8	Increased, 2007-2017 No linear change	No quadratic change Increased, 2007-2013 Decreased, 2013-2017	No change No change
QNOBESE: index, based o 14.8 QN68: Perce 31.4 QN69: Perce	Percentage of stu on sex- and age-s 14.1 ntage of students 30.9 ntage of students	adents who had of specific reference 14.3 s who described 33.2 s who were tryin	bebesity (>= 95th e data from the 2 15.5 themselves as sl 36.2 g to lose weight	percentile for be 2000 CDC grow 17.3 ightly or very ov 33.0	ody mass th charts) ¹ 19.6 verweight 30.8	Increased, 2007-2017 No linear change	No quadratic change Increased, 2007-2013 Decreased, 2013-2017	No change No change
QNOBESE: index, based of 14.8 QN68: Perce 31.4 QN69: Perce 45.7	Percentage of stu on sex- and age-s 14.1 ntage of students 30.9 ntage of students 49.1	adents who had of specific reference 14.3 s who described 33.2 s who were tryin 47.4	bebesity (>= 95th e data from the 2 15.5 themselves as sl 36.2 g to lose weight 50.8	percentile for be 2000 CDC grow 17.3 ightly or very ov 33.0 50.1	ody mass th charts) ¹ 19.6 verweight 30.8 44.9	Increased, 2007-2017 No linear change No linear change	No quadratic change Increased, 2007-2013 Decreased, 2013-2017 No change, 2007-2013 Decreased, 2013-2017	No change No change Decreased
QNOBESE: index, based of 14.8 QN68: Perce 31.4 QN69: Perce 45.7 QN70: Perce times during of	Percentage of stu on sex- and age-s 14.1 ntage of students 30.9 ntage of students 49.1 ntage of students the 7 days before	adents who had of specific reference 14.3 s who described 33.2 s who were tryin 47.4 s who did not dri t the survey)	besity (>= 95th e data from the 2 15.5 themselves as sl 36.2 g to lose weight 50.8 nk fruit juice (10	percentile for be 2000 CDC grow 17.3 ightly or very ov 33.0 50.1 00% fruit juices	ody mass th charts) ¹ 19.6 verweight 30.8 44.9 one or more	Increased, 2007-2017 No linear change No linear change	No quadratic change Increased, 2007-2013 Decreased, 2013-2017 No change, 2007-2013 Decreased, 2013-2017	No change No change Decreased

*Non-Hispanic.

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

¹Overweight 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.

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Management a	nd Dietary Beh Healt	aviors h Risk Behavio	r and Percenta	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
QN71: Percer before the sur	ntage of students vey)	s who did not ea	t fruit (one or mo	ore times during	the 7 days			
14.3	13.2	13.6	11.6	14.0	13.5	No linear change	No quadratic change	No change
QNFR0: Perc orange juice, a	centage of studer apple juice, or g	nts who did not e rape juice, durin	eat fruit or drink g the 7 days befo	100% fruit juice ore the survey)	es (such as	Na linaan ahan sa	Na ang kanéna kanang	No shares
7.5	0.0	7.1	0.3	7.9	1.2	No linear change	No quadratic change	No change
QNFR1: Perc per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durir	fruit juices one c ng the 7 days bef	or more times fore the			
55.5	58.2	61.9	60.1	55.2	54.3	No linear change	Increased, 2007-2011 Decreased, 2011-2017	No change
QNFR2: Perc per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durir	fruit juices two on the function of the functi	or more times fore the			
26.8	27.8	32.4	30.2	27.6	25.5	No linear change	Increased, 2007-2011 Decreased, 2011-2017	No change

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	Healt	h Risk Behavio	r and Percentag	Linear Change [†]	Quadratic Change ^{\dagger}	Change from 2015-2017 [§]		
2007	2009	2011	2013	2015	2017			
QNFR3: Pero per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f rape juice, durin	ruit juices three og the 7 days bef	or more times fore the			
18.2	17.2	19.8	19.5	18.1	15.9	No linear change	No change, 2007-2013 Decreased, 2013-2017	No change
QN72: Perce days before th	ntage of students ne survey)	s who did not ea	t green salad (on	e or more times	during the 7			
38.6	35.9	36.5	37.3	42.3	43.7	Increased, 2007-2017	No change, 2007-2011 Increased, 2011-2017	No change
QN73: Perce before the sur	ntage of students vey)	s who did not ea	t potatoes (one o	r more times du	ring the 7 days			
23.9	26.1	23.3	25.8	30.0	29.2	Increased, 2007-2017	No quadratic change	No change
QN74: Perce before the sur	ntage of students vey)	s who did not ea	t carrots (one or	more times duri	ng the 7 days			
	50 (56 2	52.6	57.8	50.2	Increased 2007-2017	No quadratic change	No changa

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	Healt	h Risk Behavio	r and Percentag	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 [§]		
2007	2009	2011	2013	2015	2017	-		
QN75: Perce the 7 days bet	ntage of students fore the survey)	s who did not ear	t other vegetable	s (one or more t	imes during			
18.0	19.2	18.2	18.3	23.1	22.0	Increased, 2007-2017	No quadratic change	No change
[excluding Fr	ench fries, fried	potatoes, or pota	t eat vegetables to chips], carrot	(green salad, pol	tatoes ables, during			
[excluding Fr the 7 days bet 5.0	ench fries, fried fore the survey) 5.8	potatoes, or pota	t eat vegetables to chips], carrot	(green salad, pol s, or other veget: 7.6	tatoes ables, during 8.2	Increased, 2007-2017	No quadratic change	No change
[excluding Fr the 7 days bet 5.0 QNVEG1: Pr salad, potatoe	fore the survey) 5.8 ercentage of stud is [excluding Fre up the 7 days]	5.8 lents who ate ve	6.3 getables one or r otatoes, or potat	(green salad, pol s, or other veget: 7.6 nore times per d o chips], carrots	ables, during 8.2 ay (green , or other	Increased, 2007-2017	No quadratic change	No change
[excluding Fr the 7 days bef 5.0 QNVEG1: P salad, potatoe vegetables, du 60.3	ercentage of stud fore the survey) 5.8 ercentage of stud is [excluding Fre- uring the 7 days] 62.2	5.8 lents who ate veg nch fries, fried p before the survey 65.0	6.3 getables one or r otatoes, or potat y) 61.9	(green salad, pol s, or other veget: 7.6 nore times per d o chips], carrots 56.3	ables, during 8.2 ay (green , or other 55.5	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No change, 2007-2011 Decreased, 2011-2017	No change No change
[excluding Fr the 7 days bef 5.0 QNVEG1: P salad, potatoe vegetables, du 60.3 QNVEG2: P salad, potatoe vegetables, du	fore the survey) 5.8 ercentage of stud is [excluding Fre uring the 7 days] 62.2 ercentage of stud is [excluding Fre uring the 7 days]	lents who did no potatoes, or pota 5.8 lents who ate ver nch fries, fried p before the surver 65.0 lents who ate ver nch fries, fried p	6.3 getables one or r otatoes, or potat y) 61.9 getables two or r otatoes, or potat y)	reen salad, poi s, or other veget: 7.6 nore times per d o chips], carrots 56.3 nore times per d o chips], carrots	ables, during 8.2 ay (green , or other 55.5 ay (green , or other	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No change, 2007-2011 Decreased, 2011-2017	No change No change

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	Healt	h Risk Behavio	r and Percentag	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 [§]		
2007	2009	2011	2013	2015	2017			
QNVEG3: P salad, potatoe vegetables, d	ercentage of stud s [excluding Fre uring the 7 days]	lents who ate ves nch fries, fried p before the surve	getables three or otatoes, or potat	more times per o chips], carrots	day (green , or other			
13.8	14.3	18.7	14.5	12.8	10.7	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
QN76: Perce as Coke, Peps	ntage of students	s who did not dri	nk a can, bottle, la or diet pop, du	or glass of soda	or pop (such			
survey)	· · ·			ing the flags	berore the			
survey) 16.1	19.1	20.0	19.9	21.3	23.0	Increased, 2007-2017	No quadratic change	No change
survey) 16.1 QNSODA1: more times p the 7 days be	19.1 Percentage of stuer day (such as C fore the survey)	20.0 udents who dran oke, Pepsi, or Sj	19.9 k a can, bottle, o prite, not countir	21.3 r glass of soda o ng diet soda or di	23.0 r pop one or tet pop, during	Increased, 2007-2017	No quadratic change	No change
survey) 16.1 QNSODA1: more times p the 7 days be 45.5	19.1 Percentage of stuer er day (such as C fore the survey) 34.6	20.0 udents who dran oke, Pepsi, or Sj 39.0	19.9 k a can, bottle, o prite, not countir 38.4	21.3 r glass of soda o ng diet soda or di 30.3	23.0 r pop one or tet pop, during 26.4	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change Decreased
survey) 16.1 QNSODA1: more times p the 7 days be 45.5 QNSODA2: more times p the 7 days be	19.1 Percentage of str er day (such as C fore the survey) 34.6 Percentage of str er day (such as C fore the survey)	20.0 udents who dran oke, Pepsi, or Sj 39.0 udents who dran oke, Pepsi, or Sj	19.9 k a can, bottle, o prite, not countir 38.4 k a can, bottle, o prite, not countir	21.3 r glass of soda o g diet soda or di 30.3 r glass of soda o g diet soda or di	23.0 r pop one or tet pop, during 26.4 r pop two or tet pop, during	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change Decreased

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	Healt	h Risk Behavio	r and Percentag	Linear Change ^{\dagger}	Quadratic Change †	Change from 2015-2017 [§]		
2007	2009	2011	2013	2015	2017			
QNSODA3: more times per the 7 days bef	Percentage of stu er day (such as C fore the survey)	udents who dran oke, Pepsi, or S	k a can, bottle, o prite, not countir	r glass of soda o ng diet soda or di	r pop three or iet pop, during			
21.5	14.5	14.9	18.5	13.4	10.6	Decreased, 2007-2017	No quadratic change	Decreased
QN77: Perce	ntage of students	s who did not dr	ink milk (during	the 7 days befor	e the survey)			
			17.0	19.9	21.8	Increased, 2013-2017	Not available [¶]	No change
QNMILK1: I (counting the the half pint o	Percentage of stu milk they drank f milk served at	dents who dranl in a glass or cup school as equal	k one or more gla b, from a carton, to one glass, dur	asses per day of or with cereal ar ing the 7 days be	milk nd counting efore the			
			44.3	34.7	33.4	Decreased, 2013-2017	Not available	No change
QNMILK2: I (counting the the half pint o	Percentage of stu milk they drank f milk served at	idents who dranl in a glass or cup school as equal	k two or more gl b, from a carton, to one glass, dur	asses per day of or with cereal ar ing the 7 days be	milk nd counting efore the			

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Management a	nd Dietary Beh Healt	aviors h Risk Behavior	r and Percentag	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 [§]		
2007	2009	2011	2013	2015	2017			
QNMILK3: F (counting the the half pint o survey)	Percentage of stu milk they drank f milk served at	idents who drank in a glass or cup school as equal t	three or more g , from a carton, to one glass, dur	plasses per day o or with cereal ar ing the 7 days be	f milk ad counting efore the	No linear change	Not available!	Increased
QN78: Percer survey)	ntage of students	s who did not eat	breakfast (durin	ng the 7 days bei	fore the			mereaseu
			12.7	13.9	13.5	No linear change	Not available	No change
QNBK7DAY	: Percentage of vev)	students who ate	breakfast on all	7 days (during	the 7 days			
before the sur	vey)							

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l Activity								
	Healt	th Risk Behavio	r and Percenta	ges	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
QN79: Per or more day breathe hard	centage of student ys (in any kind of p d some of the time	s who were phys physical activity during the 7 day	ically active at l that increased th s before the sur	east 60 minutes heir heart rate and vey)	per day on 5 d made them			
		52.2	48.5	45.6	44.2	Decreased, 2011-2017	Not available [¶]	No change
QNPA0DA physical act	Y: Percentage of ivity on at least 1	students who did	l not participate of physical activ	in at least 60 min	nutes of ed their heart			
rate and ma	de them breathe h	ard some of the t	time during the 7	7 days before the	survey)			
rate and ma	de them breathe h	ard some of the t 13.5	time during the 7	days before the 16.8	survey) 16.1	No linear change	Not available	No change
QNPA7DA on all 7 day breathe hard	Y: Percentage of s (in any kind of p d some of the time	students who we hysical activity the formation of the for	time during the 7 15.0 The physically activat increased the sur	tive at least 60 m eir heart rate and vey)	survey) 16.1 ninutes per day d made them	No linear change	Not available	No change
QNPA7DA on all 7 day breathe hard	Y: Percentage of s (in any kind of p d some of the time	students who we hysical activity 28.6	re physically activity before the sur 30.5	tive at least 60 m eir heart rate and vey) 26.2	survey) 16.1 ninutes per day d made them 23.3	No linear change Decreased, 2011-2017	Not available Not available	No change No change
QNPA7DA on all 7 day breathe hard QN80: Pera average sch	Y: Percentage of s (in any kind of p d some of the time centage of student ool day)	s who watched to	re physically activity before the sur 30.5	7 days before the 16.8 tive at least 60 n eir heart rate and vey) 26.2 ore hours per day	survey) 16.1 ninutes per day d made them 23.3 y (on an	No linear change Decreased, 2011-2017	Not available Not available	No change No change

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	Heal	h Risk Behavio	r and Percenta	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
QN81: Perce more hours p other tablet, a for something	entage of student er day (counting a smartphone, tes g that was not sci	s who played vic time spent on th ting, YouTube, nool work, on an	leo or computer ings such as Xb Instagram, Face average school	games or used a ox, PlayStation, a book, or other so day)	computer 3 or an iPad or ocial media,			
27.5	23.9	31.4	40.6	43.9	41.4	Increased, 2007-2017	No quadratic change	No change
QN82: Perce days (in an av	entage of student verage week whe	s who attended p on they were in se	hysical education chool)	on (PE) classes of	n 1 or more			
32.3	32.6	35.1	37.1	36.5	38.3	Increased, 2007-2017	No quadratic change	No change
QNDLYPE: days (in an av	Percentage of st verage week whe	udents who atter on they were in se	ided physical ed	ucation (PE) clas	sses on all 5			
25.3	24.2	27.3	29.8	25.5	26.8	No linear change	No quadratic change	No change
QN83: Perce	entage of student	s who played on nity groups, duri	at least one spor ng the 12 month	rts team (countin is before the surv	g any teams vey)			
run by their s	chool of commu	201	-					

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Heal 07 2009	th Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change †	Change from 2015-2017 [§]
07 2009	2011	2012					
		2013	2015	2017			
Percentage of studen lental work, during the	ts who saw a dent 12 months before	tist (for a check- e the survey)	up, exam, teeth o	cleaning, or			
			74.7	78.1	No linear change	Not available [¶]	No change
ig, or other dental wor	K)		1.0	1.3	No linear change	Not available	No change
Percentage of studen	ts who had ever b	een told by a do	ctor or nurse tha	t they had			
.6 25.5	22.2	20.6	25.4	22.7	No linear change	No quadratic change	No change
	PDNT: Percentage of student pDNT: Percentage of student Percentage of student 6 25.5	PDNT: Percentage of students who have a dome pDNT: Percentage of students who never g, or other dental work) Percentage of students who had ever b 6 25.5 22.2	PDNT: Percentage of students who had ever been told by a domination of the survey point of the survey poin	Percentage of students who had ever been told by a doctor or nurse that Percentage of students who had ever been told by a doctor or nurse that 6 25.5 22.2 20.6 25.4	Point dentage of students who never saw a dentist (for a check-up, exam, teeth ag, or other dental work) Percentage of students who had ever been told by a doctor or nurse that they had 1.0 1.3 Percentage of students who had ever been told by a doctor or nurse that they had 1.0 25.5 22.2 20.6 25.4 22.7	Percentage of students who had ever been told by a doctor or nurse that they had 1.0 1.3 No linear change	ental work, during the 12 months before the survey) 74.7 78.1 No linear change Not available ⁴ PDNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth leg, or other dental work) 1.0 1.3 No linear change Not available Percentage of students who had ever been told by a doctor or nurse that they had 1.0 25.5 22.2 20.6 25.4 22.7 No linear change No quadratic change

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White* Other		Healt	h Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change †	Change from 2015-2017 [§]
	2007	2009	2011	2013	2015	2017			
_	QN89: Percer (during the 12	ntage of students months before	s who described the survey)	their grades in s	chool as mostly	A's or B's			
					76.1	79.3	No linear change	Not available [¶]	No change