Supplementary Table 1: Measures of STI, sexual risk behavior, and individual and environmental antecedents

Measure	Ages assessed Cohort 1 [Cohort 2]*	Number items / variables per year	Items	Scale	Type of composite measure (Cronbach's alpha[†])	Range of composite measure
Outcome						
STI	19.5, 20, 20.5, 21, 22, 23, 24, 25 [18.5, 19, 19.5, 20, 21, 22, 23, 24]	5-6	Have you ever been told by a doctor that you have: HIV infection or AIDS, gonorrhea, syphilis, chlamydia, genital warts, genital herpes, or other STI.	Yes/no (0,1)	Combined variable from ever diagnosed and/or seropositive for CT/HSV. *(alpha = ND)*	0-1
	25 [24]		Seropositive for *C. trachomatis* (CT) or HSV2	Yes/no (0,1)		
SRB predictors						
Sex under the influence**	19.5, 20, 21, 22, 23, 24, 25 [18.5, 19, 20, 21, 22, 23, 24]	2	In the 30 days [3 months], how often did you drink alcohol before having sex? In the 30 days [3 months], how often did you use drugs (such as cocaine or marijuana) before having sex?	0 Never 1 Less than ½ the time 2 About ½ the time 3 More than ½ the time 4 Always	Summed risk score across years - 1 point for each year in which regular (> 1) drinking or any drug use (> 0) before sex was reported. *(alpha = ND)*	0-7
Inconsistent condom use***	19.5, 20, 21, 22, 23, 24, 25 [18.5, 19, 20, 21, 22, 23, 24]	2-6	In the past 30 days [3 months], how often did you/your partner(s) use condoms when you had vaginal intercourse? In the past 30 days [3 months], how often did you/your partner(s) use condoms when you had anal intercourse?	0 Never 1 Less than ½ the time 2 About ½ the time 3 More than ½ the time 4 Always	Summed risk score across years - 1 point for each year in condom use less than always (< 4) was reported. *(alpha = ND)*	0-7
Lifetime number sex partners	23, 24, 25 [22, 23, 24]	1	How many sexual partners have you had in your lifetime?	0-30 (capped at 30)	Maximum number of partners reported over the waves. *(alpha = ND)*	0-30
Distal Predictors						
Behavioral dishinhibition	15 [14, 15, 16]	3	How many times have you done … crazy things even if they were a little dangerous? …something dangerous because someone	1 Never 2 Done it, but not in the past year 3 Less than once a month 4 About once a month 5 2-3 times a month	Averaged items at each wave, then averaged across the waves for a total score. *(alpha = .84)*	z-score

			dared you to do it?	6 Once a week or more		
			…what feels good no matter what?			
Social skills	17 [16, 17]	7	I am the kind of person who can accept things not going my way.	1 YES! 2 yes 3 no 4 NO!	Averaged items at each wave, then averaged across the waves for a total score. *(alpha = .83)*	z-score
			I am the kind of person who prefers to be alone.			
			I am the kind of person who can cooperate with peers in groups.			
			I am the kind of person who can control my temper when there is a disagreement with friends.			
			I am the kind of person who listens while others are talking.			
			I am the kind of person who can make friends easily with my peers.			
			I am the kind of person who considers others' points of view.			
Family involvement	11, 12, 13, 14 [11, 12, 13, 14]	1-4	Do you go to the library with your mom or dad?	1 YES! 2 yes 3 no 4 NO!	Averaged items at each wave, then averaged across the waves for a total score. *(alpha = .82)*	z-score
			Do you and your mom or dad go to the park or playground together?			
			Do you and your mom or dad spend time reading together?			
			Do you talk to your mom or dad about what you did in school?			
Antisocial peers	11, 12, 13, 14 [11, 12, 13, 14]	4	Does your best friend do things that get him or her into trouble with the teacher?	1 YES! 2 yes 3 no 4 NO!	Averaged items at each wave, then averaged across the waves for a total score. *(alpha = .86)*	z-score
			How many of your ten best friends get into fights?			
			How many of your ten best friends skip school or class?			
			How many of your ten best friends get in trouble with their teacher?			
School bonding	11, 12, 13, 14 [11, 12, 13,	3-5	Do you like your social studies teacher?	1 YES! 2 yes 3 no 4 NO!	Averaged items at each wave, then averaged across the waves for a total score. *(alpha = .73)*	z-score
			Do you like your language arts teacher?			

14]	Do you like your teacher?
	Do you like your math teacher?
	Do you look forward to going to school?
	Do you try to do well in school?

*Where two cohorts are specified, the younger cohort (Cohort 2) is exactly 1 year younger in all of the interviews. Otherwise, if one set of ages is indicated, data from the two cohorts were taken from the same age interviews. Cohort membership is controlled for in all of the analyses.

**At ages 19.5 and 20 [18.5 and 19], participants reported on past month sex under the influence. Starting at age 21 [20], participants reported on the past 3 months.

*** At ages 19.5 and 20 [18.5 and 19], participants reported on past month sex under the influence. Starting at age 21 [20], participants reported on the past 3 months. At age 19.5 [18.5], participants were asked 2 questions about condom use during vaginal/anal sex. In subsequent waves, participants were asked these two questions about each of the last 3 sexual partners for a total of 6 questions.

[†] Cronbach's alpha calculated for scales that measure individual and environmental factors only (distal predictors). Not done (ND) for STI outcome or sexual risk behaviors (SRB predictors).

N.B. Missing data for any of the individual or environmental factors predictors in any wave or in the sum score for any of these factors was not related to STI. This was also true for lifetime number of sexual partners. Missing data for inconsistent condom use and sex under the influence was related to STI by design since those who had not had sex in that wave (and therefore were at lower risk for STI) were coded as missing.