

**Sexuality and Consequences**  
Beyond Grade 12/Year 15  
Fast Track Project Technical Report  
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**Citation**

*Instrument*

Bearman, P.S., Jones, J., & Udry, J.R. (1997). The National Longitudinal Study of Adolescent Health: Research Design. Available: <http://www.cpc.unc.edu/addhealth>

*Report*

Rains, C. & Godwin, J. (2004). *Sexuality and Consequences*. (Fast Track Project Technical Report). Available: <http://www.fasttrackproject.org>

Sandoval, J.M. (2011) *Sexuality and Consequences Year 15* (Fast Track Project Technical Report). Available: <http://www.fasttrackproject.org>

**Data Sources**

*Raw:* C15BE

*Scored:* SEC15

**I. Scale Description**

This measure is an updated version of an earlier measure used by the Fast Track Project called *Romantic Relationships Questionnaire* and was first used in year 13. *Sexuality and Consequences* is designed to assess respondents' relationships and sexual activity and can be broken down into six sections: 1) heterosexual relationships and birth control use, 2) pregnancy, 3) children of respondents, 4) same sex relationships, 5) sexually transmitted diseases, and 6) rape. Respondents who are willing to answer questions about their sexual experiences are asked about their sexual history, use of birth control, whether they have ever been pregnant or made anyone pregnant, as well as a series of questions about their children (up to six), whether they have any sexual diseases and their knowledge about AIDS, and whether they have ever been physically forced to have sexual intercourse.

**II. Report Sample**

These analyses were conducted on the first cohort with the high-risk Control sample (n = 155) and the Normative sample (n = 387, N = 463 with overlap) from the fifteenth year of the study. Overall, 93 records were missing the complete measure. Thirty-six records were missing from the high-risk Control sample (7 from Durham, 14 from Nashville, 3 from Pennsylvania, and 12 from Washington) and 57 records were missing from the Normative sample (13 from Durham, 17 from Nashville, 13 from Pennsylvania, and 14 from Washington).

### III. Scaling

This measure involves a complex skip pattern that should be taken into consideration for all analyses using these data. The main filter question, "Have you ever had sexual intercourse with a boy/man or girl/woman?" reduces the respondent pool to 297. If the respondent answers "yes," they are then asked a series of questions about the past year, such as the number of times they have had sex with a member of the opposite sex and the number of sexual partners, the main forms of birth control (up to three) used, condom use, and how many times they have been pregnant or had made someone pregnant in the past year. If the respondent had answered "no" to having sex with a member of the opposite sex, the respondent is then directed to the section of questions about same sex relationships.

When the respondent answers that they were pregnant in the past year (or had made someone pregnant in the past year) at least one time, the respondent is asked a series of three questions about each pregnancy: when they became pregnant/made someone pregnant, were they drinking or using drugs; whether (if the respondent was female) they had prenatal care during each of the three trimesters; and, what happened to the pregnancy (e.g. live birth, still pregnant). Next, they are asked how many children they have. For each child the respondent has (up to six), there are a series of 14 questions about each child. These questions vary from the sex and birth weight of the child to asking with whom the child lives and how well the respondent gets along with the child's other parent.

If the respondent answered zero for the number of times for being pregnant or making someone pregnant in the past year, the respondent was advanced to the questions about the number of children they have. If the respondent had no children, they were advanced to questions about same sex relationships, which all of the respondents are asked to complete.

Next, all respondents are asked whether they have any sexually transmitted diseases (e.g. Chlamydia, syphilis, genital warts), with each disease listed as individual dichotomous response items. Males and females are asked about the same diseases. The respondents are asked several other questions about sexually transmitted diseases (such as "when were you first told you had a sexually transmitted disease" and "in the past, have you ever wanted to go to the doctor for a concern related to your sexual health but did not") and the respondents then move on to the last section of the measure. In this last section of the measure, respondents are asked if they have ever been physically forced to have sex against their will. If they say yes, they are asked at what age the rape occurred. These questions complete the measure.

A number of new variables were created to analyze the data in this measure. A new variable, SECxSTD, was created to indicate whether the respondent had ever been told that he/she had an STD. Also, the questions about the use of birth control were originally set up as one question (what form of birth control did you use in the past year) repeated three times; in other words, respondents were given the opportunity to state the three main forms of birth control they had used in the past year. The responses for these questions ranged from 1 to 15, representing a variety of birth control methods, including no protection (response '1'). To analyze these questions in more detail, new dichotomous variables were created based on these three questions. The first new variable, SECxBCM, identifies whether the respondent ever used birth control. A respondent is coded as using birth control if he/she chose a response greater than '1' for any of the three questions. A respondent is coded as not using birth control if he/she chose '1' for at least one of the questions and the response to the remaining two questions were '1' or 'skip.' Fourteen additional variables were created to indicate whether the respondent ever reported using each of the 14 possible birth control methods (e.g. 2=withdrawal, 3=rhythm method, 7=male condom, etc.).

In addition, several variables were created to more accurately reflect the count of the original variable when the numbers of skipped responses were taken into account. The creation of these new variables

affected several items: CxBE02 (in the past year, have you had sexual intercourse with a member of the opposite sex), now labeled SECxSPO; CxBE03 (in the past year, how many times have you had sexual intercourse with a member of the opposite sex), now labeled SEC13TSO; CxBE04 (in the past year, how many different partners of the opposite sex have you had as sexual partners), now labeled SECxDPO; CxBE12 (how many children do you have), now labeled SECxCHD; CxBE29 (in the past year, have you had sexual intercourse with a member of the same sex), now labeled SECxSPS; and, CxBE30 (in the past year, how many different partners of the same sex have you had as sexual partners), now labeled SECxDPS.

Finally, the new birth control variables, the data on each pregnancy of the past year, and the data on each child the respondent had were analyzed based on separate and distinct datasets (one for each type of data) with each instance of birth control use, pregnancy, and child providing an observation, rather than each respondent.

#### IV. Descriptive Statistics for Selected Variables

The examination of the data will be displayed in tables by sample type and sex.

##### Sexual Orientation

The majority of respondents for both samples who completed the measure described themselves as 100% heterosexual (measures of association were not calculated).

Note: Missing values are represented by “.” (Period), skipped is represented by “S”.

		High or low risk sample	
		HI	LO
		N	N
<b>Have you ever had sexual intercourse with a boy or man/girl or woman?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	4	11
	M	5	11
Yes	F	26	114
	M	51	75

Please choose the description that best fits how you think about yourself.	Sex		
	.	F	9
M		27	30
S	F	3	15
	M	30	25
100% Heterosexual	F	24	108
	M	52	79
Mostly heterosexual but somewhat attracted/people/own sex	F	4	6
	M	3	5
Bisexual, attracted to men and women equally	F	.	6
	M	1	.
100% Homosexual	F	1	4
	M	.	2
Not sexually attracted to either males or females	F	1	1

### **Respondent-Level Data on Sexual Activity, STDs, and AIDS**

The following tables display responses by sex on questions measuring sexual activity, sexually transmitted disease and awareness of AIDS. Finally, two questions probe having sex against the respondent's will and age at occurrence.

	Sex	High or low risk sample	
		HI	LO
		N	N
<b>Have you ever had sexual relations with a woman/man?</b>			
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	27	111
	M	54	80
Yes	F	3	14
	M	2	6

		High or low risk sample		
		HI	LO	
		N	N	
<b>Did you have sexual relations with a woman/man in the past year?</b>		Sex		
.	F	9	27	
	M	27	30	
S	F	30	126	
	M	84	105	
No	F	1	7	
	M	.	3	
Yes	F	2	7	
	M	2	3	
<b>Have you ever been told by a doctor or a nurse that you had Chlamydia (The Clam)?</b>		Sex		
.	F	9	27	
	M	27	30	
S	F	3	15	
	M	30	25	
No	F	28	114	
	M	54	83	
Yes	F	2	11	
	M	2	3	
<b>Have you ever been told by a doctor or a nurse that you had Syphilis (Lues or Old Joe)?</b>		Sex		
.	F	9	27	
	M	27	30	
S	F	3	15	
	M	30	25	
No	F	30	125	
	M	56	86	

<b>Have you ever been told by a doctor or a nurse that you had Gonorrhea (The Clap or The Drip)?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	29	119
	M	54	83
Yes	F	1	6
	M	2	3
<b>Have you ever been told by a doctor or a nurse that you had HIV or AIDS?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	30	125
	M	56	86
<b>Have you ever been told by a doctor or a nurse that you had Genital herpes?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	29	124
	M	55	86
Yes	F	1	1
	M	1	.
<b>Have you ever been told by a doctor or a nurse that you had Genital warts and/or HPV (human papilloma virus)?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	27	120
	M	56	85
Yes	F	3	5
	M	.	1

<b>Have you ever been told by a doctor or a nurse that you had Trichomoniasis (trich or vaginitis)?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	30	120
	M	56	86
Yes	F	.	5
<b>Have you ever been told by a doctor or a nurse that you had Hepatitis B?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	30	125
	M	56	86
<b>Have you ever been told by a doctor or a nurse that you had Hepatitis C?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	30	125
	M	56	85
Yes	M	.	1
<b>Have you ever been told by a doctor or a nurse that you had Bacterial vaginosis?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	30	117
	M	56	86
Yes	F	.	8

<b>Have you ever been told by a doctor or a nurse that you had Non-gonococcal vaginosis?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	30	125
	M	55	86
Yes	M	1	.
<b>Have you ever been told by a doctor or a nurse that you had Pubic lice or crabs?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	30	125
	M	56	84
Yes	M	.	2
<b>In the past year, have you received testing or treatment from a medical provider (doctor or nurse) for a sexually transmitted disease?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	22	89
	M	46	70
Yes	F	8	36
	M	10	16
<b>In the past year, have you ever wanted to go to the doctor for a concern related to your sexual health but did not?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	29	114
	M	53	80
Yes	F	1	11
	M	3	6



<b>Why didn't you go? (Did not know where to go)</b>	Sex		
.	F	9	27
	M	27	30
S	F	32	129
	M	83	105
No	F	.	11
	M	1	5
Yes	F	1	.
	M	2	1
<b>Why didn't you go? (Too afraid to ask parents)</b>	Sex		
.	F	9	27
	M	27	30
S	F	32	129
	M	83	105
No	F	1	10
	M	3	6
Yes	F	.	1
<b>Why didn't you go? (Too embarrassed)</b>	Sex		
.	F	9	27
	M	27	30
S	F	32	129
	M	83	105
No	F	1	11
	M	2	4
Yes	M	1	2
<b>Why didn't you go? (Could not afford to go)</b>	Sex		
.	F	9	27
	M	27	30
S	F	32	129
	M	83	105
No	F	1	8
	M	2	4
Yes	F	.	3
	M	1	2

<b>Why didn't you go? (No transportation)</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	32	129
	M	83	105
No	F	1	10
	M	2	6
Yes	F	.	1
	M	1	.
<b>Why didn't you go? (Other)</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	32	129
	M	83	105
No	F	.	6
	M	2	2
Yes	F	1	5
	M	1	4
<b>How much do you know about AIDS and HIV?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
Very much	F	17	62
	M	32	32
Much	F	6	33
	M	13	28
Some	F	4	22
	M	6	21
A little	F	3	7
	M	4	4
Nothing	F	.	1
	M	1	1

<b>Where did you learn about AIDS and HIV...from school?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	3	16
	M	31	26
No	F	1	7
	M	5	4
Yes	F	29	117
	M	50	81
<b>Where did you learn about AIDS and HIV...from family?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	3	16
	M	31	26
No	F	16	58
	M	27	28
Yes	F	14	66
	M	28	57
<b>Where did you learn about AIDS and HIV...from friends?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	3	16
	M	31	26
No	F	12	57
	M	22	33
Yes	F	18	67
	M	33	52
<b>Where did you learn about AIDS and HIV...from tv, radio, video, or internet?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	3	16
	M	31	26
No	F	5	19
	M	13	15
Yes	F	25	105
	M	42	70

<b>Where did you learn about AIDS and HIV...from pamphlets, books, or newspapers?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	16
	M	31	26
No	F	7	22
	M	20	22
Yes	F	23	102
	M	35	63
<b>Where did you learn about AIDS and HIV...from someone who had it or their family?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	16
	M	31	26
No	F	23	100
	M	40	68
Yes	F	7	24
	M	15	17
<b>Where did you learn about AIDS and HIV...from church?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	16
	M	31	26
No	F	24	106
	M	46	70
Yes	F	6	18
	M	9	15
<b>Where did you learn about AIDS and HIV...other?</b>	Sex		
.	F	9	27
	M	27	30
S	F	3	16
	M	31	26
No	F	27	116
	M	47	81
Yes	F	3	8
	M	8	4

<b>Have you ever been physically forced to have sexual intercourse against your will?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	3	15
	M	30	25
No	F	30	122
	M	54	85
Yes	F	.	3
	M	2	1
<b>How old were you when this happened?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
S	F	33	137
	M	84	110
10	F	.	1
16	F	.	1
17	M	.	1
19	F	.	1
20	M	2	.

### Comparison of Means for Normative and Control for Sexuality & Consequences

Variables with values on a continuous range are displayed below to show differences based on sex and sample type. No tests of means were conducted.

Sex	High or low risk sample	Variable	Label	N	Mean	Std Dev	Min	Maxm
F	HI	C15BE08	In the past year, how many times have you been / have you made a girl or woman pregnant?	24	0.33	0.56	0.00	2.00
		C15BE04	In the past year, how many different boys or men/girls or women have you had as sexual partners? Did you have sexual relations with a woman/man in the past year?	24	1.33	0.56	1.00	3.00
		C15BE29	In the past year, how many different women/men have you had as sexual partners?	3	0.67	0.58	0.00	1.00
		C15BE30	When were you first told you had a sexually transmitted disease?	2	1.00	0.00	1.00	1.00
		C15BE33		4	17.50	1.73	16.00	19.00
	LO	C15BE08	In the past year, how many times have you been / have you made a girl or woman pregnant?	108	0.37	0.68	0.00	4.00
		C15BE04	In the past year, how many different boys or men/girls or women have you had as sexual partners? Did you have sexual relations with a woman/man in the past year?	108	1.48	0.91	1.00	5.00
		C15BE29	In the past year, how many different women/men have you had as sexual partners?	14	0.50	0.52	0.00	1.00
		C15BE30	When were you first told you had a sexually transmitted disease?	7	1.43	0.53	1.00	2.00
		C15BE33		21	15.43	5.56	0.00	19.00
M	HI	C15BE08	In the past year, how many times have you been / have you made a girl or woman pregnant?	44	0.34	0.64	0.00	3.00
		C15BE04	In the past year, how many different boys or men/girls or women have you had as sexual partners? Did you have sexual relations with a woman/man in the past year?	45	4.89	8.88	1.00	50.00
		C15BE29	In the past year, how many different women/men have you had as sexual partners?	2	1.00	0.00	1.00	1.00
		C15BE30	When were you first told you had a sexually transmitted disease?	2	1.00	0.00	1.00	1.00
		C15BE33		5	18.00	3.32	14.00	21.00
	LO	C15BE08	In the past year, how many times have you been / have you made a girl or woman pregnant?	69	0.16	0.41	0.00	2.00
		C15BE04	In the past year, how many different boys or men/girls or women have you had as sexual partners? Did you have sexual relations with a woman/man in the past year?	69	3.80	7.82	1.00	60.00
		C15BE29	In the past year, how many different women/men have you had as sexual partners?	6	0.50	0.55	0.00	1.00
		C15BE30	When were you first told you had a sexually transmitted disease?	3	4.00	2.00	2.00	6.00
		C15BE33		8	13.25	7.34	0.00	18.00

## **Birth control**

Questions below probe birth control methods up to three, starting with the main form of birth control. A question on specific use of condom is asked next.

	Sex	High or low risk sample	
		HI	LO
		N	N
<b>(Main form of birth control) During the past year, when you had sex with members of the opposite sex, what was your main form of birth control?</b>			
.	F	9	27
	M	27	30
N	F	.	1
S	F	9	32
	M	41	42
No protection	F	5	11
	M	7	8
Withdrawal	F	1	4
	M	1	1
Birth control pills	F	10	37
	M	7	14
Depo provera/norplant/the patch/lunelle/the ring	F	3	17
	M	3	.
Male condoms	F	3	35
	M	25	46
Female condoms	M	1	.
Iud (intrauterine device)	F	2	2
Some other method	F	.	1
	M	1	.

(2nd form of birth control) During the past year, when you had sex with members of the opposite sex, what was another form of birth control that you used?	Sex		
	.	F	9
M		27	30
S	F	17	91
	M	71	86
No protection	F	3	3
Withdrawal	F	1	4
	M	.	4
Rhythm	M	1	.
Birth control pills	F	2	13
	M	8	10
Emergency contraception (morning after pill/plan b)	F	1	1
Depo provera/norplant/the patch/lunelle/the ring	F	2	4
	M	1	.
Male condoms	F	6	23
	M	4	9
Female condoms	F	1	.
	M	1	1
Some other method	F	.	1
	M	.	1



<b>(3rd form of birth control) During the past year, when you had sex with members of the opposite sex, what was another form of birth control that you used?</b>	Sex		
	.	F	9
M		27	30
S	F	27	129
	M	82	105
Withdrawal	F	1	5
	M	1	3
Rhythm	F	.	1
Birth control pills	F	1	1
Emergency contraception (morning after pill/plan b)	F	.	1
Depo provera/norplant/the patch/lunelle/the ring	F	.	1
	M	1	.
Male condoms	F	2	2
	M	1	2
Female condoms	M	1	.
Iud (intrauterine device)	F	1	.
Contraceptive film	M	.	1
Some other method	F	1	.
<b>Thinking of all the times you have had sexual intercourse in the past year, about what proportion of the time has a partner of yours / have you used a condom?</b>	Sex		
.	F	9	27
	M	27	30
S	F	9	32
	M	41	42
None of the time	F	10	30
	M	9	8
Some of the time	F	5	27
	M	10	13
Most of the time	F	4	21
	M	13	15
All of the time	F	5	30
	M	13	33

**Pregnancy-related Findings and Data on Child Bearing and Child Status**

Questions regarding pregnancy probe the respondent up to 6 pregnancies. Tables below display counts for the first pregnancy for selected variables. This is done due to very low counts. Also, questions regarding children extend to up to 6 children. Due to low counts, tables below only display counts for selected variables for the first child.

		High or low risk sample		
		HI	LO	
		N	N	
<b>In the past year, how many times have you been / have you made a girl or woman pregnant?</b>		Sex		
.	F	9	27	
	M	27	30	
N	M	1	.	
S	F	9	32	
	M	41	42	
0	F	17	77	
	M	32	59	
1	F	6	24	
	M	10	9	
2	F	1	6	
	M	1	1	
3	M	1	.	
4	F	.	1	
<b>(1st pregnancy) When you became / made someone pregnant, were you drinking or on drugs?</b>		Sex		
.	F	9	27	
	M	27	30	
S	F	26	109	
	M	74	101	
No	F	7	29	
	M	8	7	
Yes	F	.	2	
	M	4	3	

<b>What happened to the first pregnancy of the past year?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
N	F	1	.
S	F	26	109
	M	74	101
A live birth	F	1	15
	M	5	5
Still birth	F	.	2
Miscarriage	F	1	5
	M	3	2
Abortion	F	2	3
	M	1	1
Still pregnant	F	2	6
	M	3	2
<b>How many children do you have?</b>	<b>Sex</b>		
.	F	9	27
	M	27	30
N	M	1	.
S	F	7	26
	M	35	36
0	F	19	83
	M	40	66
1	F	6	21
	M	7	7
2	F	1	7
	M	2	1
3	F	.	1
	M	1	1
4	F	.	2

<b>(Child 1) What is the sex of this child?</b>	Sex		
.	F	9	27
	M	27	30
S	F	26	109
	M	76	102
Boy	F	5	14
	M	2	2
Girl	F	2	17
	M	8	7
<b>(Child 1) Was the delivery a vaginal birth or a c-section birth?</b>	Sex		
.	F	9	27
	M	27	30
S	F	26	109
	M	76	102
Vaginal birth	F	6	23
	M	8	9
C-section	F	1	8
	M	2	.
<b>(Child 1) Which of his or her parents does this child live with?</b>	Sex		
.	F	9	27
	M	27	30
S	F	26	109
	M	76	102
Myself and child's father/mother	F	2	7
	M	5	3
Myself	F	5	23
Child's father/mother but not me	M	5	6
Neither father/mother nor me	F	.	1

It should be noted that there were several skip patterns for the questions about the respondents' children. If the respondent answered that the child lived either with the respondent and the child's other parent the respondent answered no further questions about the child and was skipped ahead to questions about homosexual relationships. If the respondent answered that the child lived only with the respondent, the respondent was skipped to the questions that asked if the child's other parent was alive, how often the respondent saw the child's other parent, and how well the respondent got along with the child's other parent. If the respondent answered that the child lived with the child's other parent and not the respondent, the respondent was asked questions about child support, how often he/she spent time with the child, and what the respondent's relationship was with the other parent.

## **V. Recommendations for Use**

This measure provides a great deal of information about the sexual history of the respondents, including the respondents' sexual relationships with members of the opposite sex, information about the respondents' children, the respondents' sexual relationships with members of the same sex, and the respondents' history and knowledge of sexual disease.

Analysts looking at distributional characteristics of the respondents should note the response rate for each group for the gateway question of the measure, "Will you answer questions about your sexual experience?" Also, analysts should note that several secondary datasets had to be created, using the original data, in order to examine the data for birth control use, reported pregnancies, and each child of the respondents in a more comprehensive manner.