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Predictors of Early Onset of Sexual Intercourse in Male and Female Residents of the United States

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Predictors of Early Onset of Sexual Intercourse in Male and Female Residents of the United States

by

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Master of Public Health Program
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Submission Statement

Master of Public Health Research Project

This MPH Research Project report is submitted in partial fulfillment of the requirements for a Master of Public Health degree from Virginia Commonwealth University's School of Medicine. I agree that this research project report be made available for circulation in accordance with the program's policies and regulations pertaining to documents of this type. I also understand that I must receive approval from my Faculty Advisor in order to copy from or publish this document. or submit to a funding agency. I understand that any copying from or publication of this document for potential financial gain is not allowed unless permission is granted by my Faculty Advisor or (in the absence of my Faculty Advisor) the Director of the MPH Program.

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Master of Public Health
Research Project Agreement Form
Department of Epidemiology and Community Health

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Number of semester hours (3-6): 3 Semester: Summer Year: 2005

A. Project Title

Predictors of early onset of sexual intercourse in male and female residents of the United States.

B. Purpose

To determine factors associated with early onset of sexual intercourse among 15-44 year old male and female residents of the United States (US).

C. Specific Objectives

1) To determine the average age of first sexual intercourse among U.S. males and females, aged 15-44 years.
2) To examine the relationship between early onset of sexual intercourse and socio-demographic factors, first sexual partner, wantedness of first sex, parental communication, and formal sex education.
3) To assess differences in predictor variables between males and females in the U.S.

D. Description of Methods:

D.1. Identify source of data

Data from the 2002 National Survey of Family Growth (NSFG), Cycle 6, on male and female respondents, will be utilized for this study. Cycle 6 of the NSFG is the first cycle in which data was collected from male respondents.

D.2State the type of design

The NSFG is a cross-sectional computer assisted in-person interview survey. The first section of the interview is conducted by an interviewer asking questions of the respondent and entering responses into a laptop computer. A second section of the interview was conducted using Audio Computer Assisted Self-Interviewing (ACASI) in which the respondent either hears the questions through headphones or reads the questions off a laptop

screen and enters the responses into the computer. This method allowed respondents additional privacy in answering sensitive questions. Interviewing for the NSFG Cycle 6, was conducted from January 2002 to March 2003 by the Institute for Social Research under contract with the National Center for Health Statistics. The sample is procured through area probability sampling of households who completed the National Health Interview Survey (NHIS), respondents were sampled from all NHIS primary sampling units (PSU's). A PSU is a metropolitan statistical area, a county or a group of adjacent counties. PSU's were located in nearly every State and included all of the largest metropolitan areas in the United States. Sample respondents who moved since their NHIS interview were traced to their new address, and an interviewer conducted the interview with the respondent at the new address.

Hispanic and non-Hispanic black respondents were selected with higher probability than other respondents so that more reliable statistics for Hispanic and non-Hispanic black respondents could be produced. All NHIS households containing Hispanic or non-Hispanic black respondents were included in the NSFG sample. If more than one eligible respondent lived in a single household the respondent was selected at random. Households were selected with probability proportional to the number of eligible persons in the household.

D.3. Describe the study population and sample size

The study population is a nationally representative probability sample of the civilian, noninstitutionalized, U.S. population aged 15-44. The total sample size for the 2002 NSFG was 12,571, 7,643 females and 4,928 males aged 15-44. The overall response rate for the interview was 79% (80% for females and 78% for males).

D.4. List variables to be included

Outcome Variable:

- Age at first intercourse--defined as the answer to the question, How old were you when you first had vaginal intercourse? The outcome variable is continuous originally and will be examined both as continuous and dichotomized into <18 years and ≥18 years.

Predictor Variables:

- Relationship with first sexual partner--defined as the answer to the question, "How would you describe your relationship with your first sexual partner at the time of first intercourse (categorical)?
- Wantedness of first intercourse--defined as the answer to the question, How much would you say that you wanted your first sexual intercourse (really didn't, mixed feelings, really did)? Sexual intercourse will be considered wanted if the respondent states that they really wanted intercourse.
- Household Income--reported as annual income of self or family members within a household.
- Respondent's Education--defined as highest grade/year in school completed
- Maternal Education--defined as the highest education received by the respondent's mother or woman who mostly raised her.
- Paternal Education--defined as the highest education received by the respondent's father or man who mostly raised her.

- Living with parent or parent figure at age 14--defined as the presence of a male and/or female parental figure living at the respondents usual address when she was 14.
- Age of first sexual partner--defined as the age in years of the respondent's first sexual partner. Measured in relationship to the respondent's age.

D.5. Describe methods to be used for data analysis (If a qualitative study, describe general approach to compiling the information collected)

Descriptive statistics including frequencies and proportions will be calculated to illustrate the prevalence of early onset of sexual intercourse. Measures of central tendency such as; mean and median will be calculated to determine the average age of first sexual intercourse. Crude odds ratios and 95% confidence intervals will be calculated to examine the relationship between each predictor variable and age at first sex. Finally multiple logistic regression will be conducted to determine predictor variables for early onset of sexual intercourse while adjusting for confounding variables.

E. Anticipated Results:

It is expected that study participants reporting lower socio-economic status (as measured by household income and personal and parental education) will be more likely to report early onset of sexual initiation, more committed relationship with first sexual partner at time of first sex and higher levels of wantedness of first intercourse. It is additionally expected that study participants who report living with two (one male and one female) parental figures during early adolescents and who report having discussed sex with these parental figures will have lower rates of sexual initiation during adolescence and increased wantedness of first intercourse. It is anticipated that there will be a significant difference in the average age of first sexual intercourse and predictors between males and females.

F. Significance of Project to Public Health:

Adolescent sexual activity continues to be a major concern for public health[1]. In addition to teen pregnancy and the associated direct health and economic consequence[2], the rising number of sexually transmitted diseases and the increased understanding that condoms are not effective in preventing the transmission of all STDs, increases the need to attempt to delay first sex among adolescents[3,4]. Most current literature discusses in detail risk factors for adolescent sexual activity, research on protective factors is less prevalent.

G. IRB Status:

1) Do you plan to collect data through direct intervention or interaction with human subjects? ____ Yes __X__ No

2) Will you have access to any existing identifiable private information? _____ Yes __X__ No

If you answered, "no" to both of the questions above, IRB review is not required.

If you answered, "yes" to either one of these questions, your proposed study must be reviewed by the VCU Institutional Review Board (IRB). Please contact Dr. Turf of Dr. Buzzard for assistance with this procedure.

Please indicate your IRB status:
____ To be submitted (targeted date_____)
____ Submitted (date of submission_____; VCU IRB # _____)
____ IRB exempt review approved (date _____)
____ IRB expedited review approved (date _____)
__X__ IRB approval not required.

H. Proposed Schedule: Start Date: May 16, 2005 Anticipated End Date: August 8, 2005

I. INDICATE WHICH OF THE FOLLOWING AREAS OF PUBLIC HEALTH KNOWELDGE WILL BE DEMONSTRATED:

1. Biostatistics –collection, storage, retrieval, analysis and interpretation of health data; design and analysis of health-related surveys and experiments; and concepts and practice of statistical data analysis.
   __X__ Yes _____ No (if yes briefly describe):

2. Epidemiology –distributions and determinants of disease, disabilities and death in human populations; the characteristics and dynamics of human populations; and the natural history of disease and the biologic basis of health. __X__ Yes _____ No (if yes briefly describe):

3. Environmental Health Sciences –environmental factors including biological, physical and chemical factors which affect the health of a community. _____ Yes __X__ No (if yes briefly describe):

4. Health Services Administration – planning, organization, administration, management, evaluation and policy analysis of health programs. _____ Yes __X__ No (if yes briefly describe):

5. Social/Behavioral Sciences – concepts and methods of social and behavioral sciences relevant to the identification and the solution of public health problems. __X__ Yes _____ No (if yes briefly describe):

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1. National Campaign to Prevent Teen Pregnancy. Teen pregnancy: So what? 2004. http://www.teenpregnancy.org/whycare/pdf/sowhat.pdf (Mar 8, 2005).

2. Aquilino ML, Bragadottir H. Adolescent Pregnancy: Teen Perspectives on Prevention. Am J Matern Child Nurs. 2000 Jul/Aug;25(4):192-7.

3. Centers for Disease Control and Prevention. Tracking the hidden epidemic. 2000. http://www.cdc.gov/nchstp/od/news/RevBrochure/pdffaq.htm. (March 8, 2005).

4. University of Indiana Medical School. Study Reveals High Infection Rate in Teens For Virus Linked to Cervical Cancer. 2005.http://medicine.indiana.edu/news_releases/viewRelease.php4?art=253&print=true. (March 9, 2005).

5. National Campaign to Prevent Teen Pregnancy. With one voice. 2003. http://www.teenpregnancy.org/search/serachResults.asp. (March 7, 2005).

To my loving family and friends, for their support, encouragement and patience.

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Acknowledgements

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Karen Bryant, without whom none of us would ever have graduated.

Abstract

Purpose: The United States has the highest rate of teen pregnancy of any industrialized nation. Adolescents who have their first sexual intercourse at a young age are at increased risk for teen pregnancies and acquiring a sexually transmitted disease. This study examines predictors of early onset sexual intercourse in male and female residents of the United States.

Methods: A nationally representative sample of N=7,643 females and N=4.928 males ages 15-44 was procured from the 2002 National Survey of Family Growth (NSFG), Cycle 6. Age at first sexual intercourse was used to define early onset of sexual debut (<18 years). Socio-demographic and behavioral characteristics of the respondents, demographic and selected reproductive characteristics of the respondent's parents were examined using multiple logistic regression modeling.

Results: Non-Hispanic black, being raised without both parents, having a mother less than 18 years old at the age of first birth and age difference between partners were significant predictors of early onset of sexual intercourse for both males and females. Maternal education less than high school was a significant protective factor for female respondents [OR=0.72 (95%CI=0.58-0.90)] and paternal education completed high school only [OR=1.4 (95% CI=1.1-1.7)] was a significant risk factor for male respondents.

Conclusions: Race/ethnicity, age difference between partners, not being raised by both parents, having a mother who had her first birth before the age of 18 and parental education are important predictor variables. Further study should be conducted to investigate the protective effect of lack of maternal education for female respondents. Intervention programs for teen pregnancy and sexually transmitted infection prevention should target these at risk groups.

Introduction and Rationale

Adolescent sexuality is a complex, but important public health issue. The primary focus of research and interventions on adolescent sexuality are the overwhelming statistics related to negative outcomes such as pregnancy and sexually transmitted disease (STDs). Despite a decade of declining teen pregnancy rates, the United States still has the highest rates of adolescent pregnancy, abortion, and birth of any industrialized nation. Since 1991 the rate of teen pregnancy in the United States has declined from 117 to 84 pregnancies, per 1,000 girls aged 15-19[1]. Even with these declines, the rates of adolescent pregnancy and associated costs are still very high. It is estimated that 35% of girls in the United States will become pregnant at least once before age 20[1]. This amounts to about 850,000 adolescent pregnancies per annum[1]. Although most teen births occur to women aged 18 and 19[2], roughly one-third of all adolescent births occur to girls 17 years or younger, who have not yet completed high school[3].

Adolescent pregnancy is associated with negative outcomes for both mother and baby. Adolescent parents are more likely to be unmarried, live below the poverty level, less likely to complete their education, experience higher unemployment and are more likely to depend on public assistance[4]. Children born to adolescent mothers are more likely to be born premature or at low-birth weight, suffer from poor health, grow up in a house without a father, more likely to run away from home, be physically abused, abandoned, or neglected, have poorer school performance, more likely to become teen parents themselves and sons of adolescent mothers are more likely to be imprisoned[5].

Due in part, to the increased rate of school drop-out in this population, adolescent mothers, particularly young adolescent mothers, are especially vulnerable to continuing adverse social and economic consequences[5]. In addition to the profound personal impact of adolescent

pregnancy, the social costs extend to the U.S. population through a variety of sources including; the direct cost of medical care for uninsured mothers, infants and children and the indirect costs of welfare, public assistance, and other programs aimed at improving outcomes for mothers and children. It is estimated that the combined cost of social programs and medical expenses as a result of adolescent pregnancy for teens aged 17 years or younger is $29 billion annually[4].

However adolescent pregnancy is not the only negative effect of early sexual activity. In the United States each year there is an estimated 3.75 million new cases of STDs among teens[6]. Adolescents and young adults 15-24 have the highest rates of the reportable STDs Chlamydia and Gonorrhea[6]. Teens are at high behavioral risk for most STDs, because they are more likely to having multiple sex partners, unprotected sex, and partners who are older than themselves[6]. There are about 25 pathogens that are transmitted by sexual activity, about 30% of sexually transmitted diseases are incurable, several have long-term reproductive consequences and a few can be fatal[6].

While pregnancy and STDs are risks for any person engaging in risky sexual activity, persons who begin having sex at a younger age are at increased risk for these negative outcomes. Adolescents who have their first sexual intercourse at a young age are at particular risk for engaging in high-risk behaviors and for acquiring an STD and adolescent girls are physiologically more susceptible to infection and the most devastating consequences of STDs[6]. Understanding the potential and perhaps probable consequences of early sex underscores the importance of attempting to delay sexual debut in adolescence.

Some research has been conducted in an attempt to understand the reasons for early onset of adolescent sexual activity. Of particular interest are the characteristics and factors that differ between the sexually active and the sexually inactive. Previous research has demonstrated that

sexually active teens differ from inactive teens with respect to attitudes, beliefs, peer norms, alcohol and drug use, parental factors, school and church involvement[7]. A 2004 study in the Journal of Adolescent Health indicated that early experience of sexual intercourse is correlated with problem behaviors and the teen's desire to become more adult[8]. Other research indicates that race and ethnicity can influence the age of sexual onset as well as family structure and socioeconomic background. Youth living with one parent and those living in low-income households have higher rates of early onset of first sex compared to those living with both parents and coming from higher income homes respectively. Maternal education and employment may also be predictive of age of sexual initiation[9].

Youths who spent 30 or more hours per week unsupervised were more likely to be sexually active compared to those who were unsupervised for 5 hours a week or less (80% vs. 68%). For boys the greater the amount of unsupervised time, the higher the number of lifetime sexual partners[10]. High levels of adolescent-parent communication have also been demonstrated to delay sexual debut. Students who report high levels of perceived parental communication, in particular communication with their mother, are significantly more likely to remain virginal than students with poor to moderate parental communication ratings[11]. Rosenthal et.al. found that girls who described their families as being highly expressive, having a moral-religious emphasis, providing supervision, and having greater maternal education and who experienced menarche at an older age were older at sexual initiation[12].

Psychological factors may also be predictive of sexual onset. In particular self-esteem ratings can be predictive of sexual onset, but differently for girls and boys. Boys with higher self-esteem ratings are more likely to initiate sexual intercourse, whereas girls with low self-esteem are more likely to initiate intercourse. The reasons for this difference though not

completely understood are attributed to gender differences, such that girls with low self-esteem may initiate sex to feel better about themselves and boys may view sex as a "badge of honor" and thus more likely to initiate sex if they feel positively about themselves[13].

A review of the 1995 National Survey of Family Growth examined the relationship of premarital sexual intercourse and wantedness of that intercourse. The results of this study indicated that 24% of women aged 13 or younger at the time of first premarital intercourse report the experience as being involuntary, compared with only 10% of those aged 19-24 at first premarital intercourse. Additionally women whose first partner was seven or more years older than themselves were more than twice as likely to have unwanted sex compared to those whose first partner was the same age or younger[14].

Personal values play an important role in adolescent's decision-making regarding sexual initiation. Paradise et.al found that virgins were more likely than inactive girls to cite three specific reasons for not having sex, "not the right thing for me now", "waiting until I am older", "and waiting until I am married." Likewise personal values were implied in sexually active girls' reasons for engaging in sex, "I like/love the person" and "I like having sex"[15]. Both sets of reasons clearly acknowledge the role personal values play in girls' decision to engage in sex. Research from the Add Health survey revealed that adolescent's perceptions of maternal disapproval and high levels of mother-child connectedness were directly and independently associated with delays in first sexual intercourse. Adolescents were most likely to perceive maternal disapproval if their mothers reported strong disapproval and if they reported being highly connected to their mothers[16].

While the body of literature on adolescent sexuality is growing, there is still much to learn. The 1995 National Survey on Family Growth was the first study to include a question

about sexual wantedness in females for voluntary intercourse. One study on this data was published in 1998. This study will attempt to confirm the results of this study and use data on male respondents to determine if a similar pattern exists among males. While the impact of age differences between a female and her first sexual partner are well documented this study will additionally examine what, if any, impact the relationship with first sexual partner has for both males and females. Finally, this study will compare the factors affecting sexual debut in males and females to determine what, if any, differences exist.

Objectives

The purpose of this study is to determine the average age of first sexual intercourse among U.S. males and females, to examine the relationship between early onset (sexual debut at <18 years of age) of sexual intercourse and sociodemographic factors, relationship with first sexual partner, wantedness of first intercourse, and to assess the differences in these variables between male and female residents of the U.S.

Methods

The 2002 National Survey on Family Growth (NSFG) is a cross-sectional computer assisted face-to-face interview survey. The first section of the interview is conducted by an interviewer asking questions of the respondent and entering responses into a laptop computer. A second section of the interview was conducted using Audio Computer Assisted Self-Interviewing (ACASI) in which the respondent either hears the questions through headphones or reads the questions off a laptop screen and enters the responses into the computer. This method allowed respondents additional privacy in answering sensitive questions.

Interviewing for the NSFG Cycle 6, was conducted from January 2002 to March 2003 by the Institute for Social Research under contract with the National Center for Health Statistics. In-person interviews were conducted with 7,643 women 15-44 years of age and 4,928 men 15-45 years of age. The sample is procured through area probability sampling of households who completed the National Health Interview Survey (NHIS), respondents were sampled from all NHIS primary sampling units (PSU's). A PSU is a metropolitan statistical area, a county or a group of adjacent counties. PSU's were located in nearly every State and included all of the largest metropolitan areas in the United States. Sample respondents who moved since their NHIS interview were traced to their new address, and an interviewer conducted the interview with the respondent at the new address.

Hispanic and non-Hispanic black respondents were selected with higher probability than other respondents so that more reliable statistics for Hispanic and non-Hispanic black respondents could be produced. All NHIS households containing Hispanic or non-Hispanic black respondents were included in the NSFG sample. If more than one eligible respondent lived in a single household the respondent was selected at random. Households were selected with probability proportional to the number of eligible persons in the household. The NSFG sample is representative of the non-institutionalized U.S. population. The male and female samples were collected independently, but in similar fashion.

The female respondent interview collected information on demographic factors, pregnancy history and adoption-related information, and marital and cohabitation history. Data on fertility, birth expectations, contraceptive use, pregnancy wantedness, use of family planning services, infertility and other topics. The male respondent file includes demographic information on wives, cohabitating partners, recent sexual partners, and contraceptive use as well as data on

infertility, biological and adopted children, birth expectations, and activities with his children, among other topics. The 2002 NSFG, Cycle 6 was the first NSFG to collect information on male respondents.

Early onset of sexual activity was assessed as the outcome of interest using the age of first intercourse dichotomized into <18 years (early onset) and ≥ 18 years for those respondents who reported ever having sexual intercourse, explicitly defined as penile-vaginal. Data on several socio-demographic and behavioral factors were included in the analysis. These factors were chosen in accordance to the existing literature on their potential impact on early onset of sexual activity and study hypotheses. Respondent's age was analyzed as a continuous variable, using the age at interview as given in years by the respondent. The survey questionnaire allows the choice of four racial groups and a designation of Hispanic origin. Racial categories used in this analysis are; Non-Hispanic White, Non-Hispanic Black, Hispanic and Non-Hispanic Other.

Respondent's educational attainment was assessed using the answer to the question of whether the respondent was currently enrolled in school, the highest grade of school ever attended, reception of high school diploma or GED, and/or reception of a college degree. For the purposes of this analysis the respondent's education was categorized into; less than high school, completed high school or reception of a GED, some college or completed college. Family stability in childhood was assessed based on the respondent's family living situation at age 14 and categorized as; living with both biological or adoptive parents, one biological or adoptive and one stepparent or some other parental or non-parental situation. Maternal education was determined by asking the respondent the level of education their mother or the woman they consider to have raised them attained, options were given as < high school, completed high

school, some college, or ≥ bachelor's degree. Paternal education was determined in the same manner using the respondent's father or the man they consider to have mostly raised them.

Respondent's age of intercourse and the age of the respondent's first sexual partner at the time of first intercourse were analyzed as given in years by the respondent. In some cases the respondent was unclear of the exact age of first sexual partner and an estimated age was used and indicated in the data set by an estimated value. These partners were excluded from the age difference variable. Respondent's relationship with first sexual partner at the time of their first sexual encounter was also assessed. The questionnaire allowed the respondent to specify one of eight possible relationships. Due to small cell frequencies these categories were collapsed and analyzed as steady relationship (married, engaged, cohabitating, steady dating) or non-steady relationship (occasional dating, friends, just met or other). Additionally wantedness of the first intercourse was assessed by asking all respondents who reported their first sexual encounter as voluntary, the degree to which they wanted this first intercourse to happen. Respondents chose one of three possible options for wantedness; really wanted, mixed feelings or really didn't want.

Additional variables including the respondent's formal marital status at the time of interview, the number of lifetime sexual partners the respondent reported and the age of the respondent's mother at her first birth were assessed. Marital status was categorized in as married, widowed/divorced/separated, or never married as reported by the respondent. The number of lifetime sexual partners was a continuous variable as indicated by the respondents. However, if respondents had over 50 partners it was categorized as 50+. In this analysis this variable was recoded as; none, 1-5, 5-10 and more than 10 lifetime sexual partners. The respondent's mother or mother figure's age at first birth was assessed in 5 year increments; <18, 18-24, 25-29, 30 or older, and mother figure had no children.

Data analysis

The frequency and distribution of these demographic and behavioral factors were evaluated to assess the prevalence and examine the distribution of the study population. Prevalence rates and their 95% confidence intervals for the total population and for those reporting early sexual debut were calculated for the following risk variables; age at interview, race, education, parental living situation at age 14, maternal education, paternal education, relationship with first sexual partner, age difference between respondent and his or her first sexual partner, wantedness of first vaginal intercourse, formal marital status at interview, age of the respondent's mother at her first birth and the number of lifetime sexual partners. Odds ratios and 95% confidence intervals were calculated for the total population and for respondent's reporting early sexual debut for all evaluated sociodemographic and behavioral characteristics.

Logistic regression was used to estimate the odds ratio of early sexual debut, after controlling for the effects of the other individual-level risk factors. Multiple Logistic Regression models were considered, the final model being chosen based on the variables found to be predictors in previous literature and the level of significance in the model. The best predictor model was selected using the -2 log likelihood estimation. The odds ratio was used as an approximation of the relative risk of early sexual debut and OR and 95% confidence intervals are reported for all analyses. SPSS version 13.0 for Windows was used for all analyses.

Results

Table 1 shows the distribution of socio-demographic and behavioral risk factors of the study population. The male respondents were 52.8% Non-Hispanic white, 22.8% Hispanic, 18.9% Non-Hispanic black and 5.6% other races. The population ranged in age from 15-45 at the

time of interview with a mean age of 28.2 (SE=0 .13) years. The mean age at first intercourse was calculated to be 16.7 (SE =0.06) years. The mean age of first sexual partner for males was 17.4 (SE=0.07) years and the mean age difference between sexual partners was less than one year (0.88years).

The majority of male respondents (70.9%) were raised in a home with both of their biological or adoptive parents. Only 23% of male respondents reported their mother figure had less than a high school education and less than one percent (0.5%) of males reported being raised without a mother or mother figure. Similarly only 22.8% of male respondents reported that their father figure had less than a high school education, but 6% of male respondents reported having no father figure. Eighty-three percent of all respondents reported ever having sexual intercourse, the majority, 46.5%, reported onset of sexual activity between the ages of 15-17 and 47.8% reported that they were engaged in a steady relationship with their first partner at the time of first intercourse. The same characteristics by timing of first intercourse are presented in Table 2.

The female respondents were racially similar to the male respondents. The female respondents were; 54.2% Non-Hispanic white, 20.8% Hispanic, 20% Non-Hispanic black and 5% other races. The population ranged in age from 15-44 years at the time of interview with a mean age of 29.5 (SE=0.096) years. The average age of first intercourse for females was slightly older than the males at 17.26 (SE =0.04) years. The mean age of the first sexual partner at the time of first sex was 20.1 (SE=0 .61) years, and a mean age difference between the partners of 1.86 (SE=0 .05) years. Sixty-nine percent of female respondents reported being raised with both of their biological or adoptive parents. Only 27% of female respondents reported that their mother figure had less than a high school education and less than one percent of female respondents (0.7%) reported having no mother figure. A higher percentage of (31.8%) female

respondents reported that their father or father figure had not completed high school and approximately 7.1% reported being raised with no father figure.

Nearly 90% of all female respondents reported ever having had sexual intercourse, 46% of females reported their age at first intercourse between 15-17 years and 76.9% of females reported being in a steady relationship with their first sexual partner at the time of first intercourse. The same characteristics by timing of first intercourse are presented in Table 2.

Table 3 shows that early onset of sexual intercourse was highest among males who reported; their race as Non-Hispanic black (73.2%), they were raised with one biological parent and one adoptive or stepparent (66.9%), being raised in another type of parental relationship (67.8%), having no mother figure (80%) or no father figure (70.5%), parent's education less than high school (63%), their first partner as two years older (83.3%), they were engaged in non-steady relationship at the time of first sex (75.9%) and that their mother was <18 years old at the time of her first birth (73.2%)..

Similarly, the prevalence of early onset of sexual intercourse among females was highest for females who reported; their race as Non-Hispanic black (67.9%), they were raised with one biological and one adoptive or stepparent (73.3%), they had no mother figure (76.0%) or father figure (68%), parental education less than high school (54%), they were in a non-steady relationship at the time of first sex (72.0%) and that their mother's age at first birth was less than 18 (67.3%).

The crude analysis shows that predictor variables for early onset of sexual intercourse were similar in both male and female respondents (Table 4). However, the magnitude of association with each predictor variable was different for the male and female population. Age at interview, race, respondent's education, parental living situation at age 14, maternal education,

paternal education, age difference between the respondent and his or her first sexual partner, relationship with first partner, formal marital status at time of interview, mother's age at first birth and the number of lifetime sexual partners show statistically significant association with early onset of sexual intercourse. However, no statistically significant association was found between onset of sexual intercourse and wantedness of the first sexual intercourse.

Compared to Non-Hispanic white males, Non-Hispanic black male respondents were 2.4 times more likely to have early onset of sexual activity [OR= 2.40 (95% CI =1.96-2.93)]. Male respondents raised with only one biological parent and one adoptive or stepparent [OR= 1.78 (1.38-2.31)] and those raised in another parental or non-parental situation [OR=1.88 (95% CI =1.57-2.25)] were nearly two times more likely to have an early sexual debut as compared to those raised with both of their biological or adoptive parents. Odds ratios for maternal education were significant at all levels except less than high school. The risk of early onset of sexual intercourse for respondents who reported that their mother had completed high school [OR =1.25 (95% CI =1.03, 1.50)] or some college [OR =1.25 (95% CI =1.01, 1.55)] was approximately 1.3 times higher than for mothers who had completed college. Paternal education odds ratios were significantly higher at all levels of education as compared to college graduates. The risk of early sexual debut was approximately 1.8 times higher for those who reported their father had only completed high school [OR=1.81 (95% CI =1.50, 2.18)].

The age difference between the respondent and their first sexual partner was significant; indicating a 1.17 times increased risk in early sexual activity [OR=1.17 (95% CI =1.13, 1.20)] per one-year increase in age difference. Compared to respondents whose mothers had their first birth between 25 and 29 years old, respondents whose mothers had their first birth before age 18

were two times more likely to begin sexual activity before the age of 18 [OR=2.11 (95% CI =1.65, 2.69)].

Compared to Non-Hispanic white females, Non-Hispanic black females were 1.8 times more likely to have an early sexual debut [OR=1.82 (95% CI =1.58, 2.09)]. Female respondents raised with just one of their biological parents and an adoptive or stepparent [OR =3.48 (95% CI =2.85, 4.26)] were 3.5 times more likely to have an early sexual debut and those raised in another parenting or non parental situation [OR =2.40 (95% CI =2.10, 2.74)] were 2.4 times more likely to have an early debut as compared to respondents raised with both parents. Odds ratios for maternal education were significant at all levels of education except less than high school. The risk of early onset of sexual intercourse for respondents who reported that their mother had completed high school [OR=1.55 (95% CI =1.34, 1.80)] or some college [OR =1.51 (95% CI =1.29, 1.787)] was 1.5 times higher than for those whose mother had completed college. The same trend was also observed with paternal education. The risk of early onset of sexual intercourse was 1.7 times higher for those respondents who reported their father had only completed high school [OR=1.71 (95% CI =1.49, 1.97)].

The age difference between the respondent and their first sexual partner was significant indicating a 1.24 times increased risk of early sexual activity [OR=1.241 (95% CI =1.188, 1.296)] per one year increase in age difference. Compared to respondents whose mothers had their first birth between the ages of 25 and 29 years old, respondents whose mother had her first birth before age 18 were 2.5 times more likely to initiate sexual activity before age 18 [OR=2.447 (95% CI =2.053, 2.918)].

Table 5 shows the results of the adjusted logistic regression model for early sexual debut. After adjustment for the effects of other risk factors, Non-Hispanic black race, living in a

parental situation other than both biological parents, paternal education of only high school, age difference, relationship with first partner and age of mother at first birth remained significant predictors of early onset of sexual intercourse among male respondents. Maternal education lost its significance in the adjusted model.

Compared to Non-Hispanic white males, Non-Hispanic black males were nearly two [OR=1.95 (95% CI =1.54. 2.42)] times more likely to have early sexual debut. Compared to males raised by both of their biological or adoptive parents, males raised by one biological parent and one adoptive or stepparent [(OR=1.48 (95% CI =1.09, 2.01)] and those raised in another parental or non-parental situation [OR=1.44 (95%CI=1.12-1.85)] were 1.4 times more likely to initiate sexual activity before age 18, respectively. Paternal education of completed high school was a significant risk factor for male respondents. Compared to respondent's who reported paternal education of college graduate or more, respondents whose fathers had only a high school education [OR=1.36 (1.06, 1.74) were 1.4 times more likely initiate intercourse at an early age. Age difference remained significant indicating a 1.1 times increased risk [OR=1.12 (95% CI =1.09, 1.16)] of early sexual debut for each year increase in age difference. Respondent's who reported that their mother's age at first birth was <18 years were 1.6 times more likely to have an early sexual debut as compared to mothers who had their first birth at 25-29 years [OR=1.60 (95%CI=1.19, 2.16)].

The adjusted model for females demonstrated that Non-Hispanic black race, being raised in a parental situation other than both biological or adoptive parents, maternal education less than high school, age difference, and age of mother at first birth were predictors for early onset of sexual intercourse. Unlike males, paternal education lost its significance in the adjusted analysis for females.

Compared to Non-Hispanic white females, Non-Hispanic black females were 1.3 times more likely to have early sexual debut [OR=1.31(95% CI =1.11, 1.54)]. Compared to females raised by both of their biological or adoptive parents, females raised by one biological parent and one adoptive or stepparent were 2.5 times more likely to have an early sexual debut [OR=2.55 (95% CI =2.05, 3.19)]. Lack of maternal education showed a statistically significant protective effect in female respondents. Compared to respondents who reported maternal education of college graduate or more, respondents whose mother had less than a high school education were less likely to have an early onset of sexual intercourse [OR=0.72 (95% CI =0.58, 0.90)]. Age difference remained significant indicating a 1.20 (95% CI =1.14, 1.26) times increase in early sexual debut for each year increase in age difference. Respondents who reported their mother's age at first birth was <18 were 1.9 times more likely to have an early sexual debut as compared to mothers who had their first birth between 25 and 29 years of age [OR=1.90 (95% CI =1.53, 2.35)].

Discussion

The findings of this study support the conclusions of previous research. Non-Hispanic black race/ethnicity, being raised without both biological or adoptive parents, parental education less than college graduate, increasing age difference between respondent and first sexual partner, and mother's age at first birth of less than 18 were significant predictors of early onset of sexual intercourse for both male and female residents of the United States. It is however interesting that maternal education was only a predictor for early sexual debut for females and paternal education was an important predictor only for male respondents.

Race and ethnicity has long been an important predictor for adolescent sexual activity. Our finding of increased odds for early debut among black males and females is consistent with

the literature. The literature consistently shows a significantly younger age of sexual onset among black youth, particularly black males. In most studies this difference is attributed to variation in socioeconomic status, normative cultural beliefs and family structure[9]. However a 1998 study by Upchurch et.al. indicates that while socioeconomic status and family structure may account for the difference among black females the difference among black males is only partially explained by these factors and that other reasons for this difference have yet to be identified[17].

Family structure is also a well-documented factor related to early initiation of sex among adolescents. This is hypothesized to be attributable to variations in parental controls, particularly decreased supervision, for those raised in single parent homes[10]. This finding however does not explain the increased odds of early initiation found for those who lived with stepparents. The risk associated with being raised in a stepfamily, may be attributable to family disruption caused by parental separation[17]. Both mother and father play an important role in establishing personal norms and values, which in turn affect sexual decision-making. Teens who report being more satisfied with their mother-child relationship are less likely to be sexually experienced[18]. A significant body of research has been conducted on the effect of father absence in sexual risk taking among adolescent girls. Less research has been done among males, but the prevailing literature would indicate that a paternal role model is important in helping both gender adolescents establish personal norms and values as they related to sex[19].

In this study maternal education was non-significant for all education levels except less than high school among female respondents only. However paternal education less than high school was a significant risk factor for early onset of sexual intercourse for male respondents. The reasons for this finding could not be fully explored in this study. Previous research indicates

that teens with better-educated parents are less likely to have early sex. However a 2002 study found that the less educated the parents or the more parents, particularly mothers, work the higher the likelihood of early sexual initiation. This finding is associated with increased levels of unsupervised time during which teens can cultivate sexual relationships[10]. It is possible that the increased risk with a paternal education of high school only is attributable to lower socioeconomic status in this population, although this does not fully explain why a paternal education less than high school was not significant for this group. This hypothesis is supported by additional research, which finds that high family income is also associated with early debut, due to more discretionary time for teens[9]. Because parental employment status or economic status could not be evaluated in this study, it is unclear if these research finding helps explain the findings in this study.

As expected the likelihood of early sexual onset increased as the respondent's first partner's age increased over his/her own. This finding may be due to the fact that older partners are more likely to be sexually experienced and may therefore pressure the respondent into sex or be more willing to pursue a sexual relationship at an earlier stage of the relationship[5].

Respondent's whose mother had her first child before age 18 were more likely to have an early debut than those whose mother's were older at first birth. This is consistent with the literature indicating that having a teenage mother is a significant predictor of early onset of sexual intercourse[5]. For females the risk of early onset of sexual activity decreased with age up to age 30 when the risk increased to 1.4 times (OR=1.441; 1.096, 1.894) the risk of mother who were 25-29 at first birth. While the employment status of older mothers could not be evaluated, it is hypothesized that mothers who were older than 30 at first birth are more likely to have established careers and thus more likely to work or to work more than mothers who were

younger at first birth. It is also possible that the increased age difference between mother and child may result in decreased maternal-child communication, which is in linked to an increase in the risk of early sexual debut[18].

The large sample size of both the male and female samples increased the representativeness and generalizability of the study. The study population is representative of male and females residents of the United States as a whole, but is not intended to be representative of a state or locality. The results of this study do not indicate that any of these variables are causal factors for early onset of intercourse, but do support the literature in being predictive or protective for early onset.

The data collected in the NSFG 2002 did not include socioeconomic data or data on parental employment during childhood. The inability to evaluate these two factors with respect to the early sexual initiation limits the findings and interpretation of this study. Very small cell frequencies among respondents who reported being raised without a mother or father figure limit our ability to determine if the presence of one gender parent effects sexual initiation differently within each gender or between the two genders. Additionally the cross-sectional nature of this study and the fact that respondents were asked to recall events that may have occurred as much as 30 years prior to the interview introduces recall bias.

Conclusion

The predictors for male and female respondents were similar although the magnitude of the risk varied between the two genders. Black race was a bigger risk for males than for females, while the absence of one or both parents at age 14 was more predictive for females. Other odds ratios were similar between to the two genders. While most of these variables, such as race, can not be altered the results of this analysis indicate that sexual risk avoidance (abstinence)

education should be targeted at those who are at high risk for early onset including: Non-Hispanic black males and females, those raised without both biological or adoptive parents and those whose mother had her first birth at less than 18 years of age. Additionally teens and their parents should be encouraged to carefully consider the increased risk of sexual involvement among those in dating relationships with an age difference of two years or more. Long-term public health programs should focus on the importance of a both a mother and father during childhood as protective for children with regard to timing of sexual onset. Further study is needed to investigate the protective effect of lack of maternal education.

APPENDIX I--Tables

Table 1
Demographic Characteristics of Male and Female Respondents in the United States in 2002

Gender	Male		Female	
Variable	N	%	N	%
Mean age at interview (SE)		28.2 (0.13)		29.5 (0.096)
Mean age at first sex (SE)		16.7(0.06)		17.3(0.04)
Mean partner's age at first sex (SE)		17.4 (0.07)		20.1(0.6)
Mean age difference between partners (SE)		0.88 (0.06)		1.86 (.014)
Race				
Non-Hispanic White	2601	52.8%	4139	54.2%
Non-Hispanic Black	930	18.9%	1530	20.0%
Hispanic	1123	22.8%	1589	20.8%
Non-Hispanic Other	274	5.6%	385	5.0%
Respondent's Education				
Less than High School	1365	27.7%	1703	22.3%
HS Graduate or GED	1507	28.4%	2171	29.2%
Some College	1252	25.4%	2177	28.5%
College Graduate or Higher	804	16.3%	1592	20.8%
Parental Living Situation at Age 14				
Both Biological or Adoptive Parents	3493	70.9%	5279	69.1%
1 Biological Parent AND 1 Adoptive or Stepparent	435	8.8%	734	9.6%
Any Other parental or non-parental situation.	1000	20.3%	1630	21.3%
Maternal Education				
<High School	1133	23.0%	2024	26.5%
High School Graduate or GED	1727	35.0%	2583	33.8%
Some College	1039	21.1%	1650	21.6%
Bachelor's Degree or Higher	1004	20.4%	1336	17.5%
No Mother-Figure	25	0.5%	50	0.7%
Paternal Education				
< High School	1093	22.8%	1775	31.8%
High School Graduate or GED	1400	29.2%	2161	29.1%
Some College	842	17.6%	1302	17.5%
Bachelor's Degree or Higher	1171	24.5%	1658	24.2%
No Father-Figure	281	5.9%	527	7.1%
Age of First Sexual Partner				
<15	644	15.7%	205	3.0%
15-17	1758	42.8%	1996	29.4%
18-19	681	16.6%	1682	24.8%
20+	1026	25.0%	2902	42.8%
Relationship with First Partner at Time of First Sex				
Steady Relationship	1963	47.8%	5201	76.9%
Other Relationship	2146	52.2%	1559	23.1%

Demographic Characteristics of Male and Female Respondents in the United States in 2002

Gender	Male		Female	
Variable	N	%	N	%
Wantedness of First Intercourse				
Really didn't want	222	5.7%	863	13.6%
Mixed Feelings	1156	29.7%	3262	51.4%
Really Wanted	2514	64.6%	2223	35.0%
Formal Marital Status at Interview				
Married	1234	25.0%	3080	40.3%
Widowed/Divorced/Separated	520	10.6%	1046	13.7%
Never Married	3174	64.4%	3517	46.0%
Age of Mother at First Birth				
<18 Years	698	14.2%	1332	17.4%
18-19 Years	919	18.6%	1533	20.1%
20-24 Years	1963	39.8%	3017	39.5%
25-29 years	910	18.5%	1192	15.6%
30 or Older	383	7.8%	466	6.1%
Mother Figure Had No Children	55	1.1%	103	1.3%
Number of Lifetime Sexual Partners				
1-5	1932	47.0%	4569	59.8%
6-10	1031	25.1%	1362	17.8%
More than 10 Partners	1146	27.9%	854	11.2%

Table 2
Demographic Characteristics of Male and Female Respondents in the United States in 2002 by Timing of First Intercourse

	Early Debut				Late Debut			
Gender	**Male**		**Female**		**Male**		**Female**	
Variable	**N**	**%**	**N**	**%**	**N**	**%**	**N**	**%**
Mean age at interview (SE)	29.98 (.158)		29.60 (.123)		31.76 (.215)		32.70 (.139)	
Mean age at first sex (SE)	14.95 (.033)		15.28 (.025)		20.66 (.106)		20.45 (.058)	
Mean partner's age at first sex (SE)	16.20 (.061)		18.19 (.056)		20.43 (.136)		23.19 (.107)	
Mean age difference between partners (SE)	1.26 (.059)		1.97 (.015)		-.06 (.122)		1.69 (.027)	
Race								
Non-Hispanic White	1368	47.6%	2275	54.4%	719	58.2%	1392	53.5%
Non-Hispanic Black	681	23.7%	1039	24.8%	149	12.1%	350	13.5%
Hispanic	710	24.7%	740	17.7%	275	22.2%	667	25.6%
Non-Hispanic Other	114	4.0%	130	3.1%	93	7.5%	192	7.4%
Respondent's Education								
Less than High School	704	24.5%	935	22.3%	171	13.8%	255	9.8%
HS Graduate or GED	1029	35.8%	1421	34.0%	331	26.8%	632	24.3%
Some College	770	26.8%	1221	29.2%	372	30.1%	799	30.7%
College Graduate or Higher	370	12.9%	607	14.5%	362	29.3%	915	35.2%
Parental Living Situation at Age 14								
Both Biological or Adoptive Parents	1904	66.3%	2557	61.1%	969	78.4%	2101	80.8%
1 Biological Parent AND 1 Adoptive or Stepparent	291	10.1%	538	12.9%	83	6.7%	127	4.9%
Any Other parental or non-parental situation.	678	23.6%	1089	26.0%	184	14.9%	373	14.3%
Maternal Education								
<High School	710	24.7%	1086	26.0%	303	24.5%	783	30.1%
High School Graduate or GED	1057	36.8%	1528	36.5%	435	35.2%	809	31.1%
Some College	594	20.7%	929	22.2%	243	19,7%	504	19.4%
Bachelor's Degree or Higher	492	17.1%	603	14.4%	252	20.4%	495	19.0%
No Mother-Figure	20	0.7%	38	0.9%	3	0.2%	10	0.4%
Paternal Education								
< High School	687	24.6%	963	23.8%	296	24.7%	680	26.8%
High School Graduate or GED	874	31.3%	1285	31.8%	301	25.1%	665	26.2%
Some College	469	16.8%	703	17.4%	196	16.4%	419	16.5%
Bachelor's Degree or Higher	561	20.1%	738	18.2%	349	29.1%	653	25.7%
No Father-Figure	198	7.1%	356	8.8%	56	4.7%	123	4.8%

Demographic Characteristics of Male and Female Respondents in the United States in 2002 by Timing of First Intercourse

	Early Debut				Late Debut			
Gender	Male		Female		Male		Female	
Variable	N	%	N	%	N	%	N	%
Age of First Sexual Partner								
<15	626	21.8%	200	4.8%	18	1.5%	5	0.2%
15-17	1575	54.8%	1916	45.8%	183	14.8%	80	3.1%
18-19	289	10.1%	1134	27.1%	392	31.7%	548	21.1%
20+	383	13.3%	934	22.3%	643	52.0%	1968	75.7%
Relationship with First Partner at Time of First Sex								
Steady Relationship	1245	43.3%	3042	73.0%	718	58.1%	2159	83.2%
Other Relationship	1628	56.7%	1123	27.0%	518	41.9%	436	16.8%
Wantedness of First Intercourse								
Really didn't want	123	5.4%	471	13.6%	56	5.7%	291	13.5%
Mixed Feelings	671	29.6%	1788	51.6%	291	29.7%	1105	51.3%
Really Wanted	1470	64.9%	1209	34.9%	634	64.6%	757	35.2%
Formal Marital Status at Interview								
Married	751	26.1%	1614	38.6%	483	39.1%	1466	56.4%
Widowed/Divorced/Separated	374	13.0%	718	17.2%	146	28.1%	328	12.6%
Never Married	1748	60.8%	1852	44.3%	607	49.1%	807	31.0%
Age of Mother at First Birth								
<18 Years	511	17.8%	897	21.4%	138	11.2%	359	13.8%
18-19 Years	586	20.4%	908	21.7%	217	17.6%	489	18.8%
20-24 Years	1136	39.5%	1609	38.5%	525	42.5%	1103	42.4%
25-29 years	438	15.2%	488	11.7%	249	20.1%	478	18.4%
30 or Older	166	5.8%	216	5.2%	95	7.7%	146	5.6%
Mother Figure Had No Children	36	1.3%	66	1.6%	12	1.0%	26	1.0%
Number of Lifetime Sexual Partners								
1-5	1098	38.2%	2423	57.9%	834	67.5%	2146	82.5%
6-10	797	27.7%	1043	24.9%	234	18.9%	319	12.3%
More than 10 Partners	978	34.0%	718	17.2%	168	13.6%	136	5.2%

Table 3
Prevalence of Early Onset of Sex by Sociodemographic and Behavioral Risk Factors among Male and Female Respondents in 2002

	Male				Female			
	Total	Prev.	95% CI		Total	Prev.	95% CI	
Variable	N	%	LL	UL	N	%	LL	UL
Race								
Non-Hispanic White	2601	52.6%	50.66	54.53	4139	55.0%	53.47	56.52
Non-Hispanic Black	930	73.2%	70.21	76.00	1530	67.9%	65.49	70.22
Hispanic	1123	63.2%	60.29	66.01	1589	46.6%	44.13	49.09
Non-Hispanic Other	274	41.6%	35.74	47.70	385	33.8%	29.13	38.80
Respondent's Education								
Less than High School	1365	51.6%	48.91	54.28	1703	54.9%	52.50	57.28
HS Graduate or GED	1507	68.3%	65.87	70.63	2171	65.5%	63.45	67.49
Some College	1252	61.5%	58.73	64.20	2177	56.1%	53.98	58.19
College Graduate of Higher	804	46.0%	42.52	49.52	1592	38.1%	35.71	40.54
Parental Living Situation at Age 14								
Both Biological or Adoptive Parents	3493	54.5%	52.83	56.16	5279	48.4%	47.04	49.76
1 Biological Parent AND 1 Adoptive or Stepparent	435	66.9%	62.23	71.27	734	73.3%	69.91	76.44
Any Other parental or non-parental situation.	1000	67.8%	64.79	70.67	1630	66.8%	64.45	69.07
Maternal Education								
<High School	1133	62.7%	59.80	65.51	2024	53.7%	51.50	55.89
High School Graduate or GED	1727	61.2%	58.85	63.50	2583	59.2%	57.27	61.10
Some College	1039	57.2%	54.12	60.22	1650	56.3%	53.86	58.71
Bachelor's Degree or Higher	1004	49.0%	45.87	52.14	1336	45.1%	42.41	47.82
No Mother-Figure	25	80.0%	58.70	92.42	50	76.0%	61.51	86.48
Paternal Education								
< High School	1093	62.9%	59.95	65.76	1775	54.3%	51.95	56.63
High School Graduate or GED	1400	62.4%	59.80	64.94	2161	59.5%	57.39	61.57
Some College	842	55.7%	52.27	59.08	1302	54.0%	51.25	56.73
College Graduate	1171	47.9%	45.01	50.81	1658	44.5%	42.09	46.93
No Father-Figure	281	70.5%	64.74	75.69	527	67.6%	63.39	71.55
Age Difference Between R and FP								
3 or more years younger	193	11.9%	7.85	17.52	80	6.3%	2.35	14.68
2 years younger	190	38.4%	31.53	45.75	95	18.9%	11.87	28.51
1 year older or younger	2392	76.2%	74.43	77.88	2739	59.9%	58.03	61.74
2 years older	360	83.3%	78.95	86.92	1125	70.7%	67.93	73.33
3 or more year older	631	75.3%	71.71	78.58	2617	62.4%	60.51	64.26

Prevalence of Early Onset of Sex by Sociodemographic and Behavioral Risk Factors among Male and Female Respondents in 2002

	Male				Female			
	Total	Prev.	95% CI		Total	Prev.	95% CI	
	N	%	LL	N	N	%	LL	UL
Relationship with First Partner								
Steady Relationship	1963	63.4%	61.22	65.53	5201	58.5%	57.15	59.84
Other Relationship	2146	75.9%	74.02	77.68	1559	72.0%	69.69	74.20
Wantedness of First Intercourse								
Really didn't want	222	55.4%	48.60	62.01	863	54.6%	51.21	57.95
Mixed Feelings	1156	58.0%	55.09	60.86	3262	54.8%	53.07	56.52
Really Wanted	2514	58.5%	56.54	60.43	2223	54.4%	52.30	56.48
Formal Marital Status at Interview								
Married	1234	60.9%	58.11	63.62	3080	52.4%	50.62	54.18
Widowed/Divorced/ Separated	520	71.9%	67.79	75.68	1046	68.6%	65.67	71.39
Never Married	3174	55.1%	53.35	56.84	3517	52.7%	51.03	54.36
Age of Mother at First Birth								
<18 Years	698	73.2%	69.72	76.42	1332	67.3%	64.70	69.80
18-19 Years	919	63.8%	60.59	66.90	1533	59.2%	56.69	61.67
20-24 Years	1963	57.9%	55.68	60.09	3017	53.3%	51.50	55.09
25-29 years	910	48.1%	44.81	51.40	1192	40.9%	38.10	43.76
30 or Older	383	43.3%	38.30	48.44	466	46.4%	41.81	51.05
Mother Figure Had No Children	55	65.5%	51.38	77.46	103	64.1%	53.99	73.15
Number of Lifetime Sexual Partners								
1-5	1932	56.8%	54.55	59.02	4569	53.0%	51.54	54.46
6-10	1031	77.3%	74.59	79.80	1362	76.6%	74.24	78.81
More than 10 Partners	1146	85.3%	83.09	87.27	854	84.1%	81.43	86.45

Table 4
Crude Odds Ratios and 95% Confidence Intervals for Male and Female Residents of the United States by Timing of First Intercourse

	Males			Females		
	POR	95% CI		POR	95% CI	
Variable		Lower	Upper		Lower	Upper
Age at Interview	0.960	0.952	0.968	0.949	0.943	0.955
Race						
Non-Hispanic White	1.000			1.000		
Non-Hispanic Black	2.402	1.969	2.931	1.816	1.582	2.086
Hispanic	1.357	1.150	1.602	0.679	0.600	0.769
Non-Hispanic Other	0.644	0.483	0.860	0.414	0.328	0.523
Respondent's Education						
Less than High School	4.028	3.229	5.025	5.527	4.652	6.567
HS Graduate or GED	3.042	2.514	3.680	3.389	2.950	3.895
Some College	2.025	1.674	2.450	2.304	2.011	2.639
College Graduate of Higher	1.000			1.000		
Parental Living Situation at Age 14						
Both Biological or Adoptive Parents	1.000			1.000		
1 Biological Parent AND 1 Adoptive or Stepparent	1.784	1.382	2.305	3.481	2.845	4.259
Any Other parental or non-parental situation.	1.875	1.566	2.246	2.399	2.104	2.735
Maternal Education						
<High School	1.200	0.980	1.470	1.139	0.980	1.323
High School Graduate or GED	1.245	1.031	1.503	1.550	1.339	1.795
Some College	1.252	1.012	1.549	1.513	1.288	1.777
College Graduate	1.000			1.000		
No Mother-Figure	3.415	1.005	11.600	3.119	1.539	6.324
Paternal Education						
< High School	1.444	1.193	1.747	1.253	1.085	1.447
High School Graduate or GED	1.806	1.498	2.178	1.710	1.485	1.968
Some College	1.489	1.202	1.843	1.485	1.265	1.743
College Graduate	1.000			1.000		
No Father-Figure	2.200	1.589	3.045	2.561	2.034	3.225
Age Difference Between R and FP	1.165	1.131	1.199	1.241	1.188	1.296
Relationship with First Partner						
Steady Relationship	1.000			1.000		
Other Relationship	1.813	1.584	2.074	1.277	1.143	1.427
Wantedness of First Intercourse						
Really didn't want	0.947	0.681	1.317	1.013	0.853	1.204
Mixed Feelings	0.994	0.842	1.174	1.013	0.901	1.140
Really Wanted	1.000			1.000		

Crude Odds Ratios and 95% Confidence Intervals for Male and Female Residents of the United States by Timing of First Intercourse

	Males			Females		
	POR	95% CI		POR	95% CI	
		Lower	Upper		Lower	Upper
Formal Marital Status at Interview						
Married	1.000			1.000		
Widowed/Divorced/Separated	1.648	1.318	2.059	1.988	1.714	2.307
Never Married	1.852	1.599	2.145	2.084	1.870	2.324
Age of Mother at First Birth						
<18 Years	2.105	1.649	2.687	2.447	2.053	2.918
18-19 Years	1.535	1.232	1.913	1.819	1.539	2.150
20-24 Years	1.230	1.021	1.483	1.429	1.233	1.656
25-29 years	1.000			1.000		
30 or Older	0.993	0.739	1.336	1.449	1.134	1.851
Mother Figure Had No Children	1.705	0.871	3.338	2.486	1.552	3.982
Number of Lifetime Sexual Partners						
1-5	1.000			1.000		
6-10	2.587	2.180	3.070	2.896	2.522	3.325
More than 10 Partners	4.422	3.668	5.330	4.676	3.858	5.667

Table 5
Adjusted Odds Ratios from Logistic Regression Analyses for Early Sexual Debut by Socio-demographic and Behavioral Characteristics for Male and Female Respondents in 2002

Variable	Male			Female		
	POR	95% CI		POR	95% CI	
Age at Interview	0.967	0.955	0.978	0.956	0.948	0.964
Race						
Non-Hispanic White	1.000			1.000		
Non-Hispanic Black	1.954	1.535	2.487	1.306	1.109	1.539
Hispanic	1.106	0.887	1.379	0.465	0.395	0.547
Non-Hispanic Other	0.821	0.585	1.153	0.371	0.284	0.484
Respondent's Education						
Less than High School	2.760	2.055	3.707	5.337	4.282	6.652
HS Graduate or GED	2.329	1.847	2.937	2.859	2.425	3.371
Some College	1.614	1.296	2.009	1.927	1.658	2.240
College Graduate of Higher	1.000					
Parental Living Situation at Age 14						
Both Biological or Adoptive Parents	1.000			1.000		
1 Biological Parent AND 1 Adoptive or Stepparent	1.481	1.093	2.005	2.555	2.045	3.193
Any Other parental or non-parental situation.	1.439	1.132	1.829	1.723	1.458	2.036
Maternal Education						
<High School	0.794	0.583	1.081	0.724	0.582	0.901
High School Graduate or GED	0.856	0.663	1.104	1.082	0.901	1.301
Some College	0.974	0.751	1.262	1.170	0.970	1.411
College Graduate	1.000			1.000		
No Mother-Figure	1.378	0.377	5.034	1.079	0.500	2.327
Paternal Education						
< High School	0.991	0.744	1.319	0.945	0.773	1.155
High School Graduate or GED	1.357	1.060	1.736	1.048	0.880	1.248
Some College	1.194	0.922	1.548	1.073	0.891	1.292
College Graduate	1.000			1.000		
No Father-Figure	1.082	0.699	1.674	0.913	0.680	1.225
Age Difference Between R and FP	1.124	1.092	1.158	1.200	1.142	1.260
Relationship with First Partner						
Steady Relationship	1.000			1.000		
Other Relationship	1.489	1.266	1.750	1.101	0.969	1.252
Formal Marital Status at Interview						
Married	1.000			1.000		
Widowed/Divorced/Separated	1.604	1.245	2.066	1.815	1.536	2.145
Never Married	1.461	1.211	1.762	1.162	1.012	1.334
Age of Mother at First Birth						
<18 Years	1.602	1.188	2.159	1.900	1.534	2.354
18-19 Years	1.229	0.945	1.599	1.438	1.184	1.747
20-24 Years	1.187	0.954	1.478	1.280	1.083	1.512
25-29 years	1.000			1.000		
30 or Older	1.077	0.760	1.527	1.441	1.096	1.893
Mother Figure Had No Children	1.409	0.653	3.040	1.867	1.115	3.125

APPENDIX 2—SPSS Syntax

```
------------------------------------------------------------
Brianna Magnusson
Predictors of Early Onset of Sexual Activity
NSFG Cycle 6 2002
MPH Research Project
------------------------------------------------------------
*Data received from the NCHS, both public use and restricted use files imported into SPSS
 using program statments provided with data.
*Inapplicable variables removed from analysis to simply data view.
*Public and Restricted data files matched by CASEID and combined into one data set.

MATCH FILES /FILE=*
 /FILE='F:\FemACASI Edited.sav'
 /RENAME (CASEID = d0)
 /DROP= d0.
EXECUTE.

*Assign missing vaules to the ACASI variables.
MISSING VALUES
WANTSEX1 (7 8 9) /VOLSEX1 (7 8 9) SMK100 (7 8 9) AGESMK (97 98 99) PROSTFRQ (7
8 9)
/JOHNFREQ (7 8 9) GRFSTSX (98 99) GIVENDRUG (7 8 9) BIGOLD (7 8 9) ENDRELAT (7
8 9)
/WORDPRES (7 8 9) THRTPHYS (7 8 9) PHYSHURT (7 8 9) HELDDOWN (7 8 9)
EVRFORCD (7 8 9)
/AGEFORC1 (97 98 99) FSEXRLTN (98 99).

RECODE
AGER (LO thru 17=1)(18 thru 24=2)(25 thru 29=3)(30 thru 34=4)(35 thru 39=5)(40 thru 44=6)
into INTAGE
/HIEDUC (5 6 7 8=1)(9=2)(10 11=3)(12 13 14 15=4) into RESPEDU
/VRY1STAG (LO thru 14=1)(15 16 17=2)(18 19=3)(20 thru HI=4) into AGEFRSTSEX
/VRY1STAG (LO thru 17=1)(18 thru HI=2) into EARLYSEX
/DADDEGRE (1=1)(2=2)(3=3)(4=4) into EDUCDAD
/FSEXPAGE (Lo thru 14=1)(15 16 17=2)(18 19=3)(20 thru HI=4) into PARTAGEFRSTSEX
/EARLYSEX (1=1)(2=2) into EARLYSEXALL
/EARLYSEX (1=2)(2=1) into LOGEARLYSEX
/LIFPRTNR (0=0)(1 thru 5=1)(6 thru 10=2)(11 thru Hi=3) into LIFPRTNRCAT
/FMARITAL (1=1)(2 3 4=2)(5=3) into MARITAL
/FSEXRLTN (1 2 3 4=1)(5 6 7 8=2) INTO RELATIONSHIP.
EXECUTE.

IF (FSEXPAGE <=899) FRSTPRTAGE=FSEXPAGE.
IF (HADSEX=2) EARLYSEXALL=95.
EXECUTE.
```

```
RECODE
EARLYSEXALL (1=1) (2 95=2) into EARLYSEXYN.

*Recode Father's Education to be similar to the NCHS recode EDUCMOM equivalent to
DADDEGRE for
respondent's reporting a father figure during childhood, if no father figure was reported
respondents
were not asked the DADDEGRE question, if no father figure present EDUCDAD=95.

IF (MANRASDU=3) EDUCDAD=95.
EXECUTE.

*Need to know the age difference between sex partners for the analysis in question, recode the
variable
P-R such that a positive difference indicates the sex partner was older and a negative difference
that the
sex partner was younger, FSEXPAGE values 900-995 are estimated age values and are not
included
in this variable.

IF (FSEXPAGE <=899) AGEDIFF = FSEXPAGE - VRY1STAG.
EXECUTE.

*Cateogrize AGEDIFF.
RECODE
AGEDIFF(-15 thru -3=1)(-2=2)(-1 0 1=3)(2=4)(3 thru 48=5)into AGEDIFFCAT.
EXECUTE.

*Calculate mean for VRY1STAG-Continuous age at first sex, FSEXPAGE-Continuous partners
age, AGEDIFF and AGER, run
descriptives for early, late, and total values separately using select cases command.

DESCRIPTIVES
  VARIABLES= AGER VRY1STAG FRSTPRTAGE AGEDIFF
  /STATISTICS=MEAN STDDEV MIN MAX SEMEAN .

*Filter for Early Onset Respondents.
USE ALL.
COMPUTE filter_$=(EARLYSEX  = 1).
VARIABLE LABEL filter_$ 'EARLYSEX  = 1 (FILTER)'.
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
```

```
*Filter for Late Onset Respondents.
USE ALL.
COMPUTE filter_$=(EARLYSEX  = 2).
VARIABLE LABEL filter_$ 'EARLYSEX  = 2 (FILTER)'.
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

*Table 1 Crosstabs w/ column percents.  Give frequencies and percents for all variables by early
or late
debut, TABLE 2 Crosstabs w/ row percents, run risk and chi-square on all crosstabs.
*Crosstabs for Predictors only.

CROSSTABS
  /TABLES=HISPRACE RESPEDU PARAGE14 EDUCMOM EDUCDAD RHADSEX
AGEFRSTSEX PARTAGEFRSTSEX RELATIONSHIP WANTSEX1 AGEDIFFCAT BY
EARLYSEXALL
  /FORMAT= AVALUE TABLES
  /STATISTIC=CHISQ RISK
  /CELLS= COUNT ROW COLUMN
  /COUNT ROUND CELL .

*Run Crosstabs for other interesting variables.
CROSSTABS
/TABLES=EVRFORCD GIVENDRUG BIGOLD ENDRELAT WORDPRES THRTPHYS
PHYSHURT
HELDDOWN FMARITAL AGEMOMB1 LIFPRTNRCAT EVRMARRY AGESMKCAT
VOLSEX1
 BY EARLYSEXALL
/FORMAT= AVALUE TABLES
/STATISTIC= CHISQ RISK
/CELLS= COUNT ROW COLUMN
/COUNT ROUND CELL.

*Crosstabs used for final tables.
CROSSTABS
  /TABLES=HISPRACE RESPEDU PARAGE14 EDUCMOM EDUCDAD AGEFRSTSEX
PARTAGEFRSTSEX
RELATIONSHIP WANTSEX1 MARITAL AGEMOMB1 LIFPRTNRCAT BY
EARLYSEXALL
  /FORMAT= AVALUE TABLES
  /STATISTIC=CHISQ RISK
  /CELLS= COUNT ROW COLUMN
  /COUNT ROUND CELL .
```

*Individual log reg for Table 3 POR&CI.

```
LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER AGER
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER HISPRACE
/CONTRAST (HISPRACE)=IND(2)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER RESPEDU
/CONTRAST (RESPEDU)=IND(4)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER PARAGE14
/CONTRAST (PARAGE14)=IND(1)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER EDUCMOM
/CONTRAST (EDUCMOM)=IND(4)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER EDUCDAD
/CONTRAST (EDUCDAD)=IND(4)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER AGEDIFF
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER RELATIONSHIP
/CONTRAST (RELATIONSHIP)=IND(1)
/PRINT=CI(95)
```

```
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER WANTSEX1
/CONTRAST (WANTSEX1)=IND(3)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER MARITAL
/CONTRAST (MARITAL)=IND(1)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER AGEMOMB1
/CONTRAST (AGEMOMB1)=IND(4)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).

LOGISTIC REGRESSION LOGEARLYSEX
/METHOD =ENTER LIFPRTNRCAT
/CONTRAST (LIFPRTNRCAT)=IND(1)
/PRINT=CI(95)
/CRITERIA = PIN(.05) POUT(.10) ITERATE (20) CUT(.5).
```

*Syntax for final logistic regression model used in adjusted analysis.

```
LOGISTIC REGRESSION  VAR=LOGEARLYSEX
  /METHOD = ENTER AGER HISPRACE RESPEDU PARAGE14 EDUCMOM EDUCDAD
AGEDIFF RELATIONSHIP MARITAL
 AGEMOMB1
 /CONTRAST (HISPRACE)=IND(2)
 /CONTRAST (RESPEDU)=IND(4)
 /CONTRAST (PARAGE14)=IND(1)
 /CONTRAST (EDUCMOM)=IND(4)
 /CONTRAST (EDUCDAD)=IND(4)
 /CONTRAST (RELATIONSHIP)=IND(1)
/CONTRAST (MARITAL)=IND(1)
/CONTRAST (AGEMOMB1)=IND(4)
  /PRINT=CI(95)
 /MISSING EXCLUDE
 /CRITERIA PIN(.05) POUT(.10) ITERATE(20).
```

SPSS Output for Male Respondents

Descriptive Statistics for Age Variables, All Male Respondents

	N	Std. Deviation				
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
R'S AGE AT INTERVIEW	4928	15	45	28.16	.126	8.847
R'S AGE AT 1ST SEX	4109	4	43	16.67	.057	3.638
1st Partner's Age, excludes estimates	3770	7	47	17.41	.066	4.063
Age Difference between R and FP	3770	-26	28	.88	.056	3.415
Valid N (listwise)	3770					

Descriptive Statistics for Early Onset Males

	N	Std. Deviation				
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
R'S AGE AT INTERVIEW	2873	15	45	28.98	.158	8.476
R'S AGE AT 1ST SEX	2873	4	17	14.95	.033	1.788
1st Partner's Age, excludes estimates	2694	10	44	16.20	.061	3.177
Age Difference between R and FP	2694	-7	28	1.26	.059	3.067
Valid N (listwise)	2694					

Descriptive Statistics for Age Variables, Late Onset Males

	N	Std. Deviation				
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
R'S AGE AT INTERVIEW	1236	18	45	31.76	.215	7.545
R'S AGE AT 1ST SEX	1236	18	43	20.66	.106	3.710
1st Partner's Age, excludes estimates	1076	7	47	20.43	.136	4.451
Age Difference between R and FP	1076	-26	28	-.06	.122	4.012
Valid N (listwise)	1076					

Crosstabs for Tables 1,2 &3; Male Respondents

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
RACE & HISPANIC ORIGIN OF RESPONDENT * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4928	100.0%	0	.0%	4928	100.0%

Rs Education * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4928	100.0%	0	.0%	4928	100.0%
PARENTAL LIVING SITUATION AT AGE 14 * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4928	100.0%	0	.0%	4928	100.0%
MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4928	100.0%	0	.0%	4928	100.0%
Fathers Education * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4787	97.1%	141	2.9%	4928	100.0%
Rs Age at first intercourse * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4109	83.4%	819	16.6%	4928	100.0%
Partners age at first sex * Early Onset of Sexual Intercourse YES/NO/NEVER All	4109	83.4%	819	16.6%	4928	100.0%

Respondents						
Relationship with First Sexual Partner-Recode * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4109	83.4%	819	16.6%	4928	100.0%
Wantedness of first intercourse * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	3892	79.0%	1036	21.0%	4928	100.0%
MARITAL * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4928	100.0%	0	.0%	4928	100.0%
AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4928	100.0%	0	.0%	4928	100.0%
Number of Lifetime Sexual Partners * Early Onset of Sexual Intercourse YES/NO/NEVER All	4928	100.0%	0	.0%	4928	100.0%

Respondents						

RACE & HISPANIC ORIGIN OF RESPONDENT * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
RACE & HISPANIC ORIGIN OF RESPONDENT	HISPANIC	Count	710	275	138	1123
		% within RACE & HISPANIC ORIGIN OF RESPONDENT	63.2%	24.5%	12.3%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	24.7%	22.2%	16.8%	22.8%
	NON-HISPANIC WHITE	Count	1368	719	514	2601

		% within RACE & HISPANIC ORIGIN OF RESPONDENT	52.6%	27.6%	19.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	47.6%	58.2%	62.8%	52.8%
	NON-HISPANIC BLACK	All Respondents Count	681	149	100	930
		% within RACE & HISPANIC ORIGIN OF RESPONDENT	73.2%	16.0%	10.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	23.7%	12.1%	12.2%	18.9%
	NON-HISPANIC OTHER	All Respondents Count	114	93	67	274
		% within RACE & HISPANIC ORIGIN OF RESPONDENT	41.6%	33.9%	24.5%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	4.0%	7.5%	8.2%	5.6%
Total		All Respondents Count	2873	1236	819	4928

	% within RACE & HISPANIC ORIGIN OF RESPONDENT	58.3%	25.1%	16.6%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	171.304(a)	6	.000
Likelihood Ratio	175.744	6	.000
Linear-by-Linear Association	3.130	1	.077
N of Valid Cases	4928		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 45.54.

Risk Estimate

	Value
Odds Ratio for RACE & HISPANIC ORIGIN OF RESPONDENT (HISPANIC / NON-HISPANIC WHITE)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Rs Education * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Rs Education	Less than HS	Count	704	171	490	1365
		% within Rs Education	51.6%	12.5%	35.9%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	24.5%	13.8%	59.8%	27.7%
	HS Grad/GED	Count	1029	331	147	1507
		% within Rs Education	68.3%	22.0%	9.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	35.8%	26.8%	17.9%	30.6%
	Some College	Count	770	372	110	1252
		% within Rs Education	61.5%	29.7%	8.8%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	26.8%	30.1%	13.4%	25.4%
	College Graduate or Higher	Count	370	362	72	804
		% within Rs Education	46.0%	45.0%	9.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	12.9%	29.3%	8.8%	16.3%
Total		Count	2873	1236	819	4928
	% within Rs Education		58.3%	25.1%	16.6%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	711.776(a)	6	.000
Likelihood Ratio	653.203	6	.000
Linear-by-Linear Association	309.154	1	.000

N of Valid Cases	4928		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 133.62.

Risk Estimate

	Value
Odds Ratio for Rs Education (Less than HS / HS Grad/GED)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

PARENTAL LIVING SITUATION AT AGE 14 * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
PARENTAL LIVING SITUATION AT AGE 14	R LIVED WITH BOTH BIOLOGICAL OR ADOPTIVE PARENTS AT AGE 14	Count	1904	969	620	3493

	% within PARENTAL LIVING SITUATION AT AGE 14	54.5%	27.7%	17.7%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER	66.3%	78.4%	75.7%	70.9%
R LIVED WITH 1 BIOLOGICAL PARENT AND 1 ADOPTIVE OR STEP PARE	All Respondents Count	291	83	61	435
	% within PARENTAL LIVING SITUATION AT AGE 14	66.9%	19.1%	14.0%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER	10.1%	6.7%	7.4%	8.8%
R LIVED IN ANY OTHER PARENTAL SITUATION OR A NONPARENTAL SIT	All Respondents Count	678	184	138	1000

		% within PARENTAL LIVING SITUATION AT AGE 14	67.8%	18.4%	13.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	23.6%	14.9%	16.8%	20.3%
Total		Count	2873	1236	819	4928
	% within PARENTAL LIVING SITUATION AT AGE 14		58.3%	25.1%	16.6%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	72.735(a)	4	.000
Likelihood Ratio	74.302	4	.000
Linear-by-Linear Association	10.814	1	.001
N of Valid Cases	4928		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 72.29.

Risk Estimate

	Value
Odds Ratio for PARENTAL LIVING SITUATION AT AGE 14 (R LIVED WITH BOTH BIOLOGICAL OR ADOPTIVE PARENTS AT AGE 14 / R LIVED WITH 1 BIOLOGICAL PARENT AND 1 ADOPTIVE OR STEP PARE)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	LESS THAN HIGH SCHOOL	Count	710	303	120	1133

		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	62.7%	26.7%	10.6%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	24.7%	24.5%	14.7%	23.0%
	HIGH SCHOOL GRAD OR GED	Count	1057	435	235	1727
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	61.2%	25.2%	13.6%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	36.8%	35.2%	28.7%	35.0%
	SOME COLLEGE	Count	594	243	202	1039
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	57.2%	23.4%	19.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	20.7%	19.7%	24.7%	21.1%
	BACHELOR'S DEGREE OR HIGHER	Count	492	252	260	1004

		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	49.0%	25.1%	25.9%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	17.1%	20.4%	31.7%	20.4%
	NO MOTHER-FIGURE	Count	20	3	2	25
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	80.0%	12.0%	8.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	.7%	.2%	.2%	.5%
Total		Count	2873	1236	819	4928
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	58.3%	25.1%	16.6%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	119.770(a)	8	.000
Likelihood Ratio	117.396	8	.000
Linear-by-Linear Association	.212	1	.645
N of Valid Cases	4928		

a 1 cells (6.7%) have expected count less than 5. The minimum expected count is 4.15.

Risk Estimate

	Value
Odds Ratio for MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION (LESS THAN HIGH SCHOOL / HIGH SCHOOL GRAD OR GED)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Fathers Education * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Fathers Education	Less than HS	Count	687	296	110	1093
		% within Fathers Education	62.9%	27.1%	10.1%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	24.6%	24.7%	13.8%	22.8%
	HS Grad/GED	Count	874	301	225	1400
		% within Fathers Education	62.4%	21.5%	16.1%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	31.3%	25.1%	28.1%	29.2%
	Some College	Count	469	196	177	842
		% within Fathers Education	55.7%	23.3%	21.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	16.8%	16.4%	22.1%	17.6%
	Bachelors Degree or Higher	Count	561	349	261	1171

		% within Fathers Education	47.9%	29.8%	22.3%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	20.1%	29.1%	32.6%	24.5%
	No Father Figure Present	Count	198	56	27	281
		% within Fathers Education	70.5%	19.9%	9.6%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7.1%	4.7%	3.4%	5.9%
Total		Count	2789	1198	800	4787
	% within Fathers Education		58.3%	25.0%	16.7%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	130.110(a)	8	.000
Likelihood Ratio	134.404	8	.000
Linear-by-Linear	8.459	1	.004

Association N of Valid Cases	4787		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 46.96.

Risk Estimate

	Value
Odds Ratio for Fathers Education (Less than HS / HS Grad/GED)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Rs Age at first intercourse * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		Total
			Early	Late	
Rs Age at first intercourse	Under 15yrs	Count	961	0	961
		% within Rs Age at first intercourse	100.0%	.0%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	33.4%	.0%	23.4%
	15-17yrs	Count	1912	0	1912
		% within Rs Age at first intercourse	100.0%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	66.6%	.0%	46.5%
	18-19yrs	Count	0	660	660
		% within Rs Age at first intercourse	.0%	100.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	.0%	53.4%	16.1%
	20 or older	Count	0	576	576
		% within Rs Age at first intercourse	.0%	100.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	.0%	46.6%	14.0%
Total		Count	2873	1236	4109
	% within Rs Age at first intercourse		69.9%	30.1%	100.0%

% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4109.000(a)	3	.000
Likelihood Ratio	5025.662	3	.000
Linear-by-Linear Association	3070.111	1	.000
N of Valid Cases	4109		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 173.26.

Risk Estimate

	Value
Odds Ratio for Rs Age at first intercourse (Under 15yrs / 15-17yrs)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Partners age at first sex * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		Total
			Early	Late	
Partners age at first sex	Under 15yrs	Count	626	18	644
		% within Partners age at first sex	97.2%	2.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	21.8%	1.5%	15.7%
	15-17yrs	Count	1575	183	1758
		% within Partners age at first sex	89.6%	10.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	54.8%	14.8%	42.8%
	18-19 yrs	Count	289	392	681
		% within Partners age at first sex	42.4%	57.6%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	10.1%	31.7%	16.6%
	20 or older	Count	383	643	1026
		% within Partners age at first sex	37.3%	62.7%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	13.3%	52.0%	25.0%
Total		Count	2873	1236	4109
	% within Partners age at first sex		69.9%	30.1%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1314.072(a)	3	.000
Likelihood Ratio	1402.923	3	.000
Linear-by-Linear Association	1158.443	1	.000

N of Valid Cases	4109		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 193.72.

Risk Estimate

	Value
Odds Ratio for Partners age at first sex (Under 15yrs / 15-17yrs)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Relationship with First Sexual Partner-Recode * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		Total
			Early	Late	
Relationship with First Sexual Partner-Recode	Steady Relationship	Count	1245	718	1963
		% within Relationship with First Sexual Partner-Recode	63.4%	36.6%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	43.3%	58.1%	47.8%
	Non-Steady Relationship	Count	1628	518	2146
		% within Relationship with First Sexual Partner-Recode	75.9%	24.1%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	56.7%	41.9%	52.2%
Total		Count	2873	1236	4109
	% within Relationship with First Sexual Partner-Recode		69.9%	30.1%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	75.420(b)	1	.000		
Continuity	74.829	1	.000		

Correction(a)					
Likelihood Ratio	75.562	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	75.401	1	.000		
N of Valid Cases	4109				

a Computed only for a 2x2 table

b 0 cells (.0%) have expected count less than 5. The minimum expected count is 590.48.

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for Relationship with First Sexual Partner-Recode (Steady Relationship / Non-Steady Relationship)	.552	.482	.631
For cohort Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents = Early	.836	.802	.871
For cohort Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents = Late	1.515	1.378	1.666
N of Valid Cases	4109		

Wantedness of first intercourse * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Wantedness of first intercourse	Really didnt want	Count	123	56	43	222
		% within Wantedness of first intercourse	55.4%	25.2%	19.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	5.4%	5.7%	6.6%	5.7%
	Mixed Feelings	Count	671	291	194	1156
		% within Wantedness of first intercourse	58.0%	25.2%	16.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	29.6%	29.7%	30.0%	29.7%
	Really wanted	Count	1470	634	410	2514
		% within Wantedness of first intercourse	58.5%	25.2%	16.3%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER	64.9%	64.6%	63.4%	64.6%
		All Respondents Count	2264	981	647	3892
Total	% within Wantedness of first intercourse		58.2%	25.2%	16.6%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER		100.0%	100.0%	100.0%	100.0%
	All Respondents					

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.509(a)	4	.825
Likelihood Ratio	1.464	4	.833
Linear-by-Linear Association	1.029	1	.311
N of Valid Cases	3892		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 36.90.

Risk Estimate

	Value

Odds Ratio for Wantedness of first intercourse (Really didnt want / Mixed Feelings)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

MARITAL * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
MARITAL	Married	Count	751	483	0	1234
		% within MARITAL	60.9%	39.1%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	26.1%	39.1%	.0%	25.0%
	W/D/S	Count	374	146	0	520
		% within MARITAL	71.9%	28.1%	.0%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	13.0%	11.8%	.0%	10.6%
	Never Married	Count	1748	607	819	3174
		% within MARITAL	55.1%	19.1%	25.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	60.8%	49.1%	100.0%	64.4%
Total		Count	2873	1236	819	4928
	% within MARITAL		58.3%	25.1%	16.6%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	620.229(a)	4	.000
Likelihood Ratio	876.836	4	.000
Linear-by-Linear Association	483.679	1	.000
N of Valid Cases	4928		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 86.42.

Risk Estimate

	Value
Odds Ratio for MARITAL (Married / W/D/S)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	LESS THAN 18 YEARS	Count	511	138	49	698
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	73.2%	19.8%	7.0%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER	17.8%	11.2%	6.0%	14.2%
	18-19 YEARS	All Respondents Count	586	217	116	919
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	63.8%	23.6%	12.6%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	20.4%	17.6%	14.2%	18.6%
	20-24 YEARS	All Respondents Count	1136	525	302	1963
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	57.9%	26.7%	15.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	39.5%	42.5%	36.9%	39.8%
	25-29 YEARS	All Respondents Count	438	249	223	910
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	48.1%	27.4%	24.5%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER	15.2%	20.1%	27.2%	18.5%
	30 OR OLDER	All Respondents Count	166	95	122	383
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	43.3%	24.8%	31.9%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	5.8%	7.7%	14.9%	7.8%
	MOTHER-FIGURE HAD NO CHILDREN	All Respondents Count	36	12	7	55
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	65.5%	21.8%	12.7%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	1.3%	1.0%	.9%	1.1%
Total		All Respondents Count	2873	1236	819	4928
	% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH		58.3%	25.1%	16.6%	100.0%

% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	213.017(a)	10	.000
Likelihood Ratio	209.790	10	.000
Linear-by-Linear Association	.386	1	.534
N of Valid Cases	4928		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 9.14.

Risk Estimate

	Value
Odds Ratio for AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH (LESS THAN 18 YEARS / 18-19 YEARS)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Number of Lifetime Sexual Partners * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Number of Lifetime Sexual Partners	None	Count	0	0	819	819
		% within Number of Lifetime Sexual Partners	.0%	.0%	100.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	.0%	.0%	100.0%	16.6%
	1-5 Partners	Count	1098	834	0	1932
		% within Number of Lifetime Sexual Partners	56.8%	43.2%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	38.2%	67.5%	.0%	39.2%
	6-10 Sexual Partners	Count	797	234	0	1031

		% within Number of Lifetime Sexual Partners	77.3%	22.7%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	27.7%	18.9%	.0%	20.9%
	More than 10 Sex Partners	Count	978	168	0	1146
		% within Number of Lifetime Sexual Partners	85.3%	14.7%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	34.0%	13.6%	.0%	23.3%
Total		Count	2873	1236	819	4928
	% within Number of Lifetime Sexual Partners		58.3%	25.1%	16.6%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	5304.148(a)	6	.000
Likelihood Ratio	4757.157	6	.000

Linear-by-Linear Association	2148.007	1	.000
N of Valid Cases	4928		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 136.11.

Risk Estimate

	Value
Odds Ratio for Number of Lifetime Sexual Partners (None / 1-5 Partners)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Crude Logistic Regression for Table 4; Male Respondents

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

		Score	df	Sig.
Step 0	Variables AGER	97.161	1	.000
	Overall Statistics	97.161	1	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	97.839	1	.000
	Block	97.839	1	.000
	Model	97.839	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4927.824 (a)	.024	.033

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

	Observed	Predicted

			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	AGER	-.041	.004	95.433	1	.000	.960	.952	.968
	Constant	2.088	.134	242.073	1	.000	8.071		

a Variable(s) entered on step 1: AGER.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0

Total	4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding		
			(1)	(2)	(3)
RACE & HISPANIC ORIGIN OF RESPONDENT	HISPANIC	985	1.000	.000	.000
	NON-HISPANIC WHITE	2087	.000	.000	.000
	NON-HISPANIC BLACK	830	.000	1.000	.000
	NON-HISPANIC OTHER	207	.000	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

	Observed		Predicted
	Early Onset for Log reg	Percentage Correct	

			Late	Early	
Step 0	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	HISPRACE	100.894	3	.000
		HISPRACE(1)	2.878	1	.090
		HISPRACE(2)	72.745	1	.000
		HISPRACE(3)	22.847	1	.000
	Overall Statistics		100.894	3	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-	df	Sig.

			square		
Step 1	Step	104.942	3	.000	
	Block	104.942	3	.000	
	Model	104.942	3	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4920.721 (a)	.025	.036

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	HISPRACE			97.277	3	.000			
	HISPRACE (1)	.305	.085	13.002	1	.000	1.357	1.150	1.602
	HISPRACE (2)	.876	.101	74.554	1	.000	2.402	1.969	2.931
	HISPRACE (3)	-.440	.147	8.929	1	.003	.644	.483	.860
	Constant	.643	.046	195.004	1	.000	1.903		

a Variable(s) entered on step 1: HISPRACE.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value

Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding		
			(1)	(2)	(3)
Rs Education	Less than HS	875	1.000	.000	.000
	HS Grad/GED	1360	.000	1.000	.000
	Some College	1142	.000	.000	1.000
	College Graduate or Higher	732	.000	.000	.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 0	Early Onset for Log reg	Late	0	1236	.0	
		Early	0	2873	100.0	
	Overall Percentage				69.9	

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	RESPEDU	201.521	3	.000
		RESPEDU(1)	58.694	1	.000
		RESPEDU(2)	31.868	1	.000
		RESPEDU(3)	4.678	1	.031
	Overall Statistics		201.521	3	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	195.540	3	.000	
	Block	195.540	3	.000	
	Model	195.540	3	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4830.123 (a)	.046	.066

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	RESPEDU			192.071	3	.000			
	RESPEDU(1)	1.393	.113	152.445	1	.000	4.028	3.229	5.025
	RESPEDU(2)	1.112	.097	130.825	1	.000	3.042	2.514	3.680

	RESPEDU(3)	.706	.097	52.679	1	.000	2.025	1.674	2.450
	Constant	.022	.074	.087	1	.767	1.022		

a Variable(s) entered on step 1: RESPEDU.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

	Frequenc	Parameter coding

		y	(1)	(2)
PARENTAL LIVING SITUATION AT AGE 14	R LIVED WITH BOTH BIOLOGICAL OR ADOPTIVE PARENTS AT AGE 14	2873	.000	.000
	R LIVED WITH 1 BIOLOGICAL PARENT AND 1 ADOPTIVE OR STEP PARE	374	1.000	.000
	R LIVED IN ANY OTHER PARENTAL SITUATION OR A NONPARENTAL SIT	862	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a Constant is included in the model.

b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	PARAGE14	60.506	2	.000
		PARAGE14(1)	12.172	1	.000
		PARAGE14(2)	39.570	1	.000
	Overall Statistics		60.506	2	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	62.904	2	.000	
	Block	62.904	2	.000	
	Model	62.904	2	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4962.759 (a)	.015	.022

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	PARAGE14			59.509	2	.000			
	PARAGE14 (1)	.579	.131	19.674	1	.000	1.784	1.382	2.305

	PARAGE14 (2)	.629	.092	46.693	1	.000	1.875	1.566	2.246
	Constant	.675	.039	292.980	1	.000	1.965		

a Variable(s) entered on step 1: PARAGE14.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

	Frequenc	Parameter coding

		y	(1)	(2)	(3)	(4)
MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	LESS THAN HIGH SCHOOL	1013	1.000	.000	.000	.000
	HIGH SCHOOL GRAD OR GED	1492	.000	1.000	.000	.000
	SOME COLLEGE	837	.000	.000	1.000	.000
	BACHELOR'S DEGREE OR HIGHER	744	.000	.000	.000	.000
	NO MOTHER-FIGURE	23	.000	.000	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 0	Early Onset for Log reg	Late	0	1236	.0	
		Early	0	2873	100.0	
	Overall Percentage				69.9	

a Constant is included in the model.

b The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)

Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	EDUCMOM	9.315	4	.054
		EDUCMOM(1)	.018	1	.892
		EDUCMOM(2)	.953	1	.329
		EDUCMOM(3)	.549	1	.459
		EDUCMOM(4)	3.192	1	.074
	Overall Statistics		9.315	4	.054

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	9.744	4	.045	
	Block	9.744	4	.045	
	Model	9.744	4	.045	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	5015.918 (a)	.002	.003

a Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 1	Early Onset for Log reg	Late	0	1236	.0	
		Early	0	2873	100.0	
	Overall Percentage				69.9	

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	EDUCMOM			9.018	4	.061			
	EDUCMOM(1)	.182	.103	3.109	1	.078	1.200	.980	1.470

	EDUCMOM(2)	.219	.096	5.178	1	.023	1.245	1.031	1.503
	EDUCMOM(3)	.225	.109	4.282	1	.039	1.252	1.012	1.549
	EDUCMOM(4)	1.228	.624	3.874	1	.049	3.415	1.005	11.600
	Constant	.669	.077	74.595	1	.000	1.952		

a Variable(s) entered on step 1: EDUCMOM.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	3987	80.9
	Missing Cases	941	19.1
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding			
			(1)	(2)	(3)	(4)
Fathers Education	Less than HS	983	1.000	.000	.000	.000
	HS Grad/GED	1175	.000	1.000	.000	.000
	Some College	665	.000	.000	1.000	.000
	Bachelors Degree or Higher	910	.000	.000	.000	.000
	No Father Figure Present	254	.000	.000	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 0	Early Onset for Log reg	Late	0	1198	.0	
		Early	0	2789	100.0	
	Overall Percentage				70.0	

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)

Step 0	Constant	.845	.035	598.416	1	.000	2.328

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	EDUCDAD	48.669	4	.000
		EDUCDAD(1)	.003	1	.960
		EDUCDAD(2)	15.559	1	.000
		EDUCDAD(3)	.125	1	.724
		EDUCDAD(4)	8.261	1	.004
	Overall Statistics		48.669	4	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	48.165	4	.000	
	Block	48.165	4	.000	
	Model	48.165	4	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R	Nagelkerke R Square

	d	Square	
1	4826.083 (a)	.012	.017

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	1198	.0
		Early	0	2789	100.0
	Overall Percentage				70.0

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	EDUCDAD			48.080	4	.000			
	EDUCDAD (1)	.367	.097	14.230	1	.000	1.444	1.193	1.747
	EDUCDAD (2)	.591	.095	38.364	1	.000	1.806	1.498	2.178
	EDUCDAD (3)	.398	.109	13.321	1	.000	1.489	1.202	1.843

	EDUCDAD (4)	.788	.166	22.550	1	.000	2.200	1.589	3.045
	Constant	.475	.068	48.472	1	.000	1.607		

a Variable(s) entered on step 1: EDUCDAD.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	3770	76.5
	Missing Cases	1158	23.5
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Block 0: Beginning Block

Classification Table(a,b)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 0	Early Onset for Log reg	Late	0	1076	.0	
		Early	0	2694	100.0	
	Overall Percentage				71.5	

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.918	.036	647.653	1	.000	2.504

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	AGEDIFF	114.126	1	.000
	Overall Statistics		114.126	1	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	136.362	1	.000	
	Block	136.362	1	.000	
	Model	136.362	1	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4372.495 (a)	.036	.051

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	51	1025	4.7
		Early	2	2692	99.9
	Overall Percentage				72.8

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	AGEDIFF	.152	.015	105.564	1	.000	1.165	1.131	1.199
	Constant	.835	.037	512.548	1	.000	2.306		

a Variable(s) entered on step 1: AGEDIFF.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding (1)
Relationship with First Sexual Partner-Recode	Steady Relationship	1963	.000
	Non-Steady Relationship	2146	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 0	Early Onset for Log reg	Late	0	1236	.0	
		Early	0	2873	100.0	
	Overall Percentage				69.9	

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)

Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	RELATIONSHIP(1)	75.420	1	.000
	Overall Statistics		75.420	1	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	75.562	1	.000	
	Block	75.562	1	.000	
	Model	75.562	1	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4950.100 (a)	.018	.026

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 1	Early Onset for Log reg	Late	0	1236	.0	
		Early	0	2873	100.0	
	Overall Percentage				69.9	

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	RELATIONSHIP(1)	.595	.069	74.605	1	.000	1.813	1.584	2.074
	Constant	.550	.047	137.963	1	.000	1.734		

a Variable(s) entered on step 1: RELATIONSHIP.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)	N	Percent

Selected Cases	Included in Analysis	3245	65.8
	Missing Cases	1683	34.2
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding	
			(1)	(2)
Wantedness of first intercourse	Really didnt want	179	1.000	.000
	Mixed Feelings	962	.000	1.000
	Really wanted	2104	.000	.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	981	.0
		Early	0	2264	100.0
	Overall Percentage				69.8

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.836	.038	478.709	1	.000	2.308

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	WANTSEX1	.104	2	.949
		WANTSEX1(1)	.100	1	.752
		WANTSEX1(2)	.000	1	.988
	Overall Statistics		.104	2	.949

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	.103	2	.950
	Block	.103	2	.950
	Model	.103	2	.950

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	3977.033 (a)	.000	.000

a Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	981	.0
		Early	0	2264	100.0
	Overall Percentage				69.8

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	WANTSEX 1			.104	2	.949			
	WANTSEX 1(1)	-.054	.168	.104	1	.747	.947	.681	1.317
	WANTSEX 1(2)	-.006	.085	.004	1	.948	.994	.842	1.174
	Constant	.841	.048	313.271	1	.000	2.319		

a Variable(s) entered on step 1: WANTSEX1.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding (1)	Parameter coding (2)
MARITAL	Married	1234	.000	.000
	W/D/S	520	1.000	.000
	Never Married	2355	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	MARITAL	69.915	2	.000
		MARITAL(1)	1.136	1	.286
		MARITAL(2)	48.622	1	.000
	Overall Statistics		69.915	2	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	68.272	2	.000	
	Block	68.272	2	.000	
	Model	68.272	2	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4957.391 (a)	.016	.023

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	MARITAL			69.037	2	.000			
	MARITAL(1)	.499	.114	19.285	1	.000	1.648	1.318	2.059
	MARITAL(2)	.616	.075	67.569	1	.000	1.852	1.599	2.145

Constant	.441	.058	57.268	1	.000	1.555		

a Variable(s) entered on step 1: MARITAL.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding				
			(1)	(2)	(3)	(4)	(5)
AGE OF MOTHER (OR MOTHER-	LESS THAN 18 YEARS	649	1.000	.000	.000	.000	.000

FIGURE) AT FIRST BIRTH	18-19 YEARS	803	.000	1.000	.000	.000	.000
	20-24 YEARS	1661	.000	.000	1.000	.000	.000
	25-29 YEARS	687	.000	.000	.000	.000	.000
	30 OR OLDER	261	.000	.000	.000	1.000	.000
	MOTHER-FIGURE HAD NO CHILDREN	48	.000	.000	.000	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	AGEMOMB1	47.351	5	.000
		AGEMOMB1(1)	28.487	1	.000
		AGEMOMB1(2)	4.434	1	.035
		AGEMOMB1(3)	3.092	1	.079
		AGEMOMB1(4)	5.290	1	.021
		AGEMOMB1(5)	.596	1	.440
	Overall Statistics		47.351	5	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	48.478	5	.000
	Block	48.478	5	.000
	Model	48.478	5	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4977.184 (a)	.012	.017

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	AGEMOMB1			46.668	5	.000			
	AGEMOMB1(1)	.744	.125	35.740	1	.000	2.105	1.649	2.687
	AGEMOMB1(2)	.429	.112	14.567	1	.000	1.535	1.232	1.913

	AGEMOMB1(3)	.207	.095	4.722	1	.030	1.230	1.021	1.483
	AGEMOMB1(4)	-.007	.151	.002	1	.965	.993	.739	1.336
	AGEMOMB1(5)	.534	.343	2.427	1	.119	1.705	.871	3.338
	Constant	.565	.079	50.635	1	.000	1.759		

a Variable(s) entered on step 1: AGEMOMB1.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	4109	83.4
	Missing Cases	819	16.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding (1)	Parameter coding (2)
Number of Lifetime Sexual Partners	1-5 Partners	1932	.000	.000
	6-10 Sexual Partners	1031	1.000	.000
	More than 10 Sex Partners	1146	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.843	.034	614.842	1	.000	2.324

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	LIFPRTNRCAT	313.635	2	.000
		LIFPRTNRCAT(1)	35.679	1	.000
		LIFPRTNRCAT(2)	179.685	1	.000
	Overall Statistics		313.635	2	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	323.945	2	.000
	Block	323.945	2	.000
	Model	323.945	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	4701.718	.076	.107

	(a)		

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	1236	.0
		Early	0	2873	100.0
	Overall Percentage				69.9

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	LIFPRTNRCAT			294.499	2	.000			
	LIFPRTNRCAT(1)	.951	.087	118.289	1	.000	2.587	2.180	3.070
	LIFPRTNRCAT(2)	1.487	.095	243.243	1	.000	4.422	3.668	5.330
	Constant	.275	.046	35.848	1	.000	1.317		

a Variable(s) entered on step 1: LIFPRTNRCAT.

Final Logistic Regression for Adjusted Analysis, Male Respondents

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	3664	74.4
	Missing Cases	1264	25.6
	Total	4928	100.0
Unselected Cases		0	.0
Total		4928	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding				
			(1)	(2)	(3)	(4)	(5)
AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	LESS THAN 18 YEARS	580	1.000	.000	.000	.000	.000
	18-19 YEARS	731	.000	1.000	.000	.000	.000
	20-24 YEARS	1477	.000	.000	1.000	.000	.000
	25-29 YEARS	607	.000	.000	.000	.000	.000

	30 OR OLDER	225	.000	.000	.000	1.000	.000
	MOTHER-FIGURE HAD NO CHILDREN	44	.000	.000	.000	.000	1.000
MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	LESS THAN HIGH SCHOOL	900	1.000	.000	.000	.000	
	HIGH SCHOOL GRAD OR GED	1339	.000	1.000	.000	.000	
	SOME COLLEGE	757	.000	.000	1.000	.000	
	BACHELOR'S DEGREE OR HIGHER	646	.000	.000	.000	.000	
	NO MOTHER-FIGURE	22	.000	.000	.000	1.000	
Fathers Education	Less than HS	910	1.000	.000	.000	.000	
	HS Grad/GED	1088	.000	1.000	.000	.000	
	Some College	609	.000	.000	1.000	.000	
	Bachelors Degree or Higher	828	.000	.000	.000	.000	
	No Father Figure Present	229	.000	.000	.000	1.000	
RACE & HISPANIC ORIGIN OF RESPONDENT	HISPANIC	874	1.000	.000	.000		
	NON-HISPANIC WHITE	1887	.000	.000	.000		
	NON-HISPANIC BLACK	721	.000	1.000	.000		
	NON-HISPANIC OTHER	182	.000	.000	1.000		
Rs Education	Less than HS	717	1.000	.000	.000		
	HS Grad/GED	1213	.000	1.000	.000		
	Some College	1045	.000	.000	1.000		
	College Graduate or Higher	689	.000	.000	.000		

PARENTAL LIVING SITUATION AT AGE 14	R LIVED WITH BOTH BIOLOGICAL OR ADOPTIVE PARENTS AT AGE 14	2567	.000	.000			
	R LIVED WITH 1 BIOLOGICAL PARENT AND 1 ADOPTIVE OR STEP PARE	329	1.000	.000			
	R LIVED IN ANY OTHER PARENTAL SITUATION OR A NONPARENTAL SIT	768	.000	1.000			
MARITAL	Married	1187	.000	.000			
	W/D/S	475	1.000	.000			
	Never Married	2002	.000	1.000			
Relationship with First Sexual Partner-Recode	Steady Relationship	1738	.000				
	Non-Steady Relationship	1926	1.000				

Block 0: Beginning Block

Classification Table(a,b)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 0	Early Onset for Log reg	Late	0	1046	.0	

Early	0	2618	100.0
Overall Percentage			71.5

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.917	.037	629.069	1	.000	2.503

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	AGER	111.272	1	.000
		HISPRACE	95.389	3	.000
		HISPRACE(1)	2.258	1	.133
		HISPRACE(2)	74.531	1	.000
		HISPRACE(3)	13.772	1	.000
		RESPEDU	181.853	3	.000
		RESPEDU(1)	44.917	1	.000
		RESPEDU(2)	30.704	1	.000
		RESPEDU(3)	.894	1	.344
		PARAGE14	57.785	2	.000
		PARAGE14(1)	12.764	1	.000
		PARAGE14(2)	36.524	1	.000
		EDUCMOM	6.878	4	.142
		EDUCMOM(1)	.254	1	.614
		EDUCMOM(2)	.393	1	.530
		EDUCMOM(3)	.213	1	.644

	EDUCMOM(4)	2.413	1	.120
	EDUCDAD	42.197	4	.000
	EDUCDAD(1)	.004	1	.947
	EDUCDAD(2)	12.185	1	.000
	EDUCDAD(3)	.144	1	.705
	EDUCDAD(4)	7.710	1	.005
	AGEDIFF	107.979	1	.000
	RELATIONSHIP(1)	73.250	1	.000
	MARITAL	101.534	2	.000
	MARITAL(1)	1.094	1	.296
	MARITAL(2)	74.573	1	.000
	AGEMOMB1	39.835	5	.000
	AGEMOMB1(1)	23.698	1	.000
	AGEMOMB1(2)	3.585	1	.058
	AGEMOMB1(3)	2.777	1	.096
	AGEMOMB1(4)	2.691	1	.101
	AGEMOMB1(5)	.740	1	.390
Overall Statistics		479.213	26	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step	Step	515.252	26	.000	

1	Block	515.252	26	.000
	Mode l	515.252	26	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	3867.296 (a)	.131	.188

a Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 1	Early Onset for Log reg	Late	282	764	27.0	
		Early	178	2440	93.2	
	Overall Percentage				74.3	

a The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)

								Lower	Upper
Step 1(a)	AGER	-.034	.006	31.258	1	.000	.967	.955	.978
	HISPRACE			33.291	3	.000			
	HISPRACE(1)	.101	.113	.800	1	.371	1.106	.887	1.379
	HISPRACE(2)	.670	.123	29.622	1	.000	1.954	1.535	2.487
	HISPRACE(3)	-.197	.173	1.292	1	.256	.821	.585	1.153
	RESPEDU			63.096	3	.000			
	RESPEDU(1)	1.015	.151	45.490	1	.000	2.760	2.055	3.707
	RESPEDU(2)	.845	.118	51.083	1	.000	2.329	1.847	2.937
	RESPEDU(3)	.479	.112	18.332	1	.000	1.614	1.296	2.009
	PARAGE14			13.268	2	.001			
	PARAGE14(1)	.392	.155	6.428	1	.011	1.481	1.093	2.005
	PARAGE14(2)	.364	.122	8.850	1	.003	1.439	1.132	1.829
	EDUCMOM			3.470	4	.482			
	EDUCMOM(1)	-.231	.158	2.142	1	.143	.794	.583	1.081
	EDUCMOM(2)	-.156	.130	1.434	1	.231	.856	.663	1.104
	EDUCMOM(3)	-.027	.132	.041	1	.840	.974	.751	1.262
	EDUCMOM(4)	.321	.661	.236	1	.627	1.378	.377	5.034
	EDUCDAD			9.684	4	.046			
	EDUCDAD(1)	-.009	.146	.004	1	.950	.991	.744	1.319
	EDUCDAD(2)	.305	.126	5.881	1	.015	1.357	1.060	1.736
	EDUCDAD(3)	.178	.132	1.806	1	.179	1.194	.922	1.548
	EDUCDAD(4)	.078	.223	.124	1	.725	1.082	.699	1.674
	AGEDIFF	.117	.015	60.783	1	.000	1.124	1.092	1.158
	RELATIONSHIP(1)	.398	.083	23.259	1	.000	1.489	1.266	1.750
	MARITAL			22.471	2	.000			
	MARITAL(1)	.472	.129	13.375	1	.000	1.604	1.245	2.066
	MARITAL(2)	.379	.096	15.752	1	.000	1.461	1.211	1.762
	AGEMOMB1			10.041	5	.074			
	AGEMOMB1(1)	.471	.152	9.561	1	.002	1.602	1.188	2.159

	AGEMOMB1(2)	.206	.134	2.357	1	.125	1.229	.945	1.599
	AGEMOMB1(3)	.172	.112	2.370	1	.124	1.187	.954	1.478
	AGEMOMB1(4)	.074	.178	.175	1	.676	1.077	.760	1.527
	AGEMOMB1(5)	.343	.392	.763	1	.383	1.409	.653	3.040
	Constant	.461	.255	3.262	1	.071	1.585		

a Variable(s) entered on step 1: AGER, HISPRACE, RESPEDU, PARAGE14, EDUCMOM, EDUCDAD, AGEDIFF, RELATIONSHIP, MARITAL, AGEMOMB1.

APPENDIX 4—SPSS Output for Female Respondents

SPSS Output for Female Respondents

Descriptive Statistics for Age Variables, All Females

Descriptive Statistics

	N	Std. Deviation				
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
R'S AGE AT INTERVIEW	7643	15	44	29.50	.096	8.433
AGE AT FIRST INTERCOURSE (EVEN IF BEFORE MENARCHE)	6785	3	39	17.26	.041	3.364
Partner's Age Without Estimated Values	6656	9	62	20.12	.061	5.003
Age Difference between R and FP	6656	-3	3	1.86	.014	1.147
Valid N (listwise)	6656					

Descriptive Statistics for Age Variables, Early Onset Females

Descriptive Statistics

	N	Std. Deviation				
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
R'S AGE AT INTERVIEW	4184	15	44	29.60	.123	7.983
AGE AT FIRST INTERCOURSE (EVEN IF BEFORE	4184	3	17	15.28	.025	1.619

MENARCHE)						
Partner's Age Without Estimated Values	4092	9	60	18.19	.056	3.582
Age Difference between R and FP	4092	-3	3	1.97	.015	.949
Valid N (listwise)	4092					

Descriptive Statistics for Age Variables, Late Onset Females

Descriptive Statistics

	N	Std. Deviation				
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
R'S AGE AT INTERVIEW	2601	18	44	32.70	.139	7.105
AGE AT FIRST INTERCOURSE (EVEN IF BEFORE MENARCHE)	2601	18	39	20.45	.058	2.966
Partner's Age Without Estimated Values	2564	11	62	23.19	.107	5.400
Age Difference between R and FP	2564	-3	3	1.69	.027	1.388
Valid N (listwise)	2564					

Crosstabs for Tables 1, 2 & 3; Female Respondents

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
RACE & HISPANIC ORIGIN OF RESPONDENT * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7643	100.0%	0	.0%	7643	100.0%
Rs Education * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7643	100.0%	0	.0%	7643	100.0%
PARENTAL LIVING SITUATION AT AGE 14 * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7643	100.0%	0	.0%	7643	100.0%
MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7643	100.0%	0	.0%	7643	100.0%
Fathers Education * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7423	97.1%	220	2.9%	7643	100.0%

Rs Age at first intercourse, categorical * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	6785	88.8%	858	11.2%	7643	100.0%
Partner's Age at first intercourse, categorical * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	6785	88.8%	858	11.2%	7643	100.0%
RELATIONSHIP WITH FIRST PARTNER-RECODE * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	6760	88.4%	883	11.6%	7643	100.0%
Wantedness of first intercourse * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	6348	83.1%	1295	16.9%	7643	100.0%
Marital Status at Interview * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7643	100.0%	0	.0%	7643	100.0%

AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7643	100.0%	0	.0%	7643	100.0%
Number of Life Partners, Categorized * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	7643	100.0%	0	.0%	7643	100.0%

RACE & HISPANIC ORIGIN OF RESPONDENT * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
RACE & HISPANIC ORIGIN OF RESPONDENT	HISPANIC	Count	740	667	182	1589
		% within RACE & HISPANIC ORIGIN OF RESPONDENT	46.6%	42.0%	11.5%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER	17.7%	25.6%	21.2%	20.8%
	NON-HISPANIC WHITE	All Respondents Count	2275	1392	472	4139
		% within RACE & HISPANIC ORIGIN OF RESPONDENT	55.0%	33.6%	11.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	54.4%	53.5%	55.0%	54.2%
	NON-HISPANIC BLACK	All Respondents Count	1039	350	141	1530
		% within RACE & HISPANIC ORIGIN OF RESPONDENT	67.9%	22.9%	9.2%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	24.8%	13.5%	16.4%	20.0%
	NON-HISPANIC OTHER	All Respondents Count	130	192	63	385
		% within RACE & HISPANIC ORIGIN OF RESPONDENT	33.8%	49.9%	16.4%	100.0%

	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	3.1%	7.4%	7.3%	5.0%
Total	Count	4184	2601	858	7643
	% within RACE & HISPANIC ORIGIN OF RESPONDENT	54.7%	34.0%	11.2%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	227.563(a)	6	.000
Likelihood Ratio	231.020	6	.000
Linear-by-Linear Association	.024	1	.876
N of Valid Cases	7643		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 43.22.

Risk Estimate

	Value
Odds Ratio for RACE & HISPANIC ORIGIN OF RESPONDENT (HISPANIC / NON-HISPANIC WHITE)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Rs Education * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Rs Education	Less than HS	Count	935	255	513	1703
		% within Rs Education	54.9%	15.0%	30.1%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	22.3%	9.8%	59.8%	22.3%
	HS Grad/GED	Count	1421	632	118	2171
		% within Rs Education	65.5%	29.1%	5.4%	100.0%

		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	34.0%	24.3%	13.8%	28.4%
	Some College	Count	1221	799	157	2177
		% within Rs Education	56.1%	36.7%	7.2%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	29.2%	30.7%	18.3%	28.5%
	College Graduate or Higher	Count	607	915	70	1592
		% within Rs Education	38.1%	57.5%	4.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	14.5%	35.2%	8.2%	20.8%
Total		Count	4184	2601	858	7643
		% within Rs Education	54.7%	34.0%	11.2%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1289.342(a)	6	.000
Likelihood Ratio	1168.505	6	.000
Linear-by-Linear Association	449.607	1	.000
N of Valid Cases	7643		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 178.72.

Risk Estimate

	Value
Odds Ratio for Rs Education (Less than HS / HS Grad/GED)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

PARENTAL LIVING SITUATION AT AGE 14 * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

	Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	Total

			Early	Late	95	
PARENTAL LIVING SITUATION AT AGE 14	R LIVED WITH BOTH BIOLOGICAL OR ADOPTIVE PARENTS AT AGE 14	Count	2557	2101	621	5279
		% within PARENTAL LIVING SITUATION AT AGE 14	48.4%	39.8%	11.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	61.1%	80.8%	72.4%	69.1%
	R LIVED WITH 1 BIOLOGICAL PARENT AND 1 ADOPTIVE OR STEP PARE	Count	538	127	69	734
		% within PARENTAL LIVING SITUATION AT AGE 14	73.3%	17.3%	9.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	12.9%	4.9%	8.0%	9.6%

	R LIVED IN ANY OTHER PARENTAL SITUATION OR A NONPARENTAL SIT	Count	1089	373	168	1630
		% within PARENTAL LIVING SITUATION AT AGE 14	66.8%	22.9%	10.3%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	26.0%	14.3%	19.6%	21.3%
Total		Count	4184	2601	858	7643
		% within PARENTAL LIVING SITUATION AT AGE 14	54.7%	34.0%	11.2%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	304.115(a)	4	.000
Likelihood Ratio	317.014	4	.000
Linear-by-Linear	4.611	1	.032

Association N of Valid Cases	7643		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 82.40.

Risk Estimate

	Value
Odds Ratio for PARENTAL LIVING SITUATION AT AGE 14 (R LIVED WITH BOTH BIOLOGICAL OR ADOPTIVE PARENTS AT AGE 14 / R LIVED WITH 1 BIOLOGICAL PARENT AND 1 ADOPTIVE OR STEP PARE)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

	Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
	Early	Late	95	

MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	LESS THAN HIGH SCHOOL	Count	1086	783	155	2024
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	53.7%	38.7%	7.7%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	26.0%	30.1%	18.1%	26.5%
	HIGH SCHOOL GRAD OR GED	Count	1528	809	246	2583
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	59.2%	31.3%	9.5%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	36.5%	31.1%	28.7%	33.8%
	SOME COLLEGE	Count	929	504	217	1650
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	56.3%	30.5%	13.2%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	22.2%	19.4%	25.3%	21.6%

	BACHELOR'S DEGREE OR HIGHER	Count	603	495	238	1336
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	45.1%	37.1%	17.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	14.4%	19.0%	27.7%	17.5%
	NO MOTHER-FIGURE	Count	38	10	2	50
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	76.0%	20.0%	4.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	.9%	.4%	.2%	.7%
Total		Count	4184	2601	858	7643
		% within MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	54.7%	34.0%	11.2%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	156.896(a)	8	.000
Likelihood Ratio	153.741	8	.000
Linear-by-Linear Association	.094	1	.759
N of Valid Cases	7643		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.61.

Risk Estimate

	Value
Odds Ratio for MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION (LESS THAN HIGH SCHOOL / HIGH SCHOOL GRAD OR GED)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Fathers Education * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Fathers Education	Less than HS	Count	963	680	132	1775
		% within Fathers Education	54.3%	38.3%	7.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	23.8%	26.8%	15.8%	23.9%
	HS Grad/GED	Count	1285	665	211	2161
		% within Fathers Education	59.5%	30.8%	9.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	31.8%	26.2%	25.2%	29.1%
	Some College	Count	703	419	180	1302
		% within Fathers Education	54.0%	32.2%	13.8%	100.0%

	Bachelors Degree or Higher	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	17.4%	16.5%	21.5%	17.5%
		Count	738	653	267	1658
		% within Fathers Education	44.5%	39.4%	16.1%	100.0%
	No Father Figure Present	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	18.2%	25.7%	31.9%	22.3%
		Count	356	123	48	527
		% within Fathers Education	67.6%	23.3%	9.1%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	8.8%	4.8%	5.7%	7.1%
Total		Count	4045	2540	838	7423
	% within Fathers Education		54.5%	34.2%	11.3%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	177.071(a)	8	.000
Likelihood Ratio	178.414	8	.000
Linear-by-Linear Association	1.786	1	.181
N of Valid Cases	7423		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 59.49.

Risk Estimate

	Value
Odds Ratio for Fathers Education (Less than HS / HS Grad/GED)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Rs Age at first intercourse, categorical * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

	Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	Total

			Early	Late	
Rs Age at first intercourse, categorical	Under 15yrs	Count	1065	0	1065
		% within Rs Age at first intercourse, categorical	100.0%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	25.5%	.0%	15.7%
	15-17yrs	Count	3119	0	3119
		% within Rs Age at first intercourse, categorical	100.0%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	74.5%	.0%	46.0%
	18-19yrs	Count	0	1338	1338
		% within Rs Age at first intercourse, categorical	.0%	100.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	.0%	51.4%	19.7%
	20 or older	Count	0	1263	1263

		% within Rs Age at first intercourse, categorical	.0%	100.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	.0%	48.6%	18.6%
Total		Count	4184	2601	6785
	% within Rs Age at first intercourse, categorical		61.7%	38.3%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6785.000(a)	3	.000
Likelihood Ratio	9033.254	3	.000
Linear-by-Linear Association	5229.553	1	.000
N of Valid Cases	6785		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 408.26.

Risk Estimate

	Value
Odds Ratio for Rs Age at first intercourse, categorical (Under 15yrs / 15-17yrs)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Partner's Age at first intercourse, categorical * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		
			Early	Late	Total
Partner's Age at first intercourse, categorical	Under 15yrs	Count	200	5	205
		% within Partner's Age at first intercourse, categorical	97.6%	2.4%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	4.8%	.2%	3.0%

	15-17yrs	Count	1916	80	1996
		% within Partner's Age at first intercourse, categorical	96.0%	4.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	45.8%	3.1%	29.4%
	18-19 yrs	Count	1134	548	1682
		% within Partner's Age at first intercourse, categorical	67.4%	32.6%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	27.1%	21.1%	24.8%
	20 or older	Count	934	1968	2902
		% within Partner's Age at first intercourse, categorical	32.2%	67.8%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	22.3%	75.7%	42.8%
Total		Count	4184	2601	6785

	% within Partner's Age at first intercourse, categorical	61.7%	38.3%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER	100.0%	100.0%	100.0%
	All Respondents			

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2197.164(a)	3	.000
Likelihood Ratio	2545.163	3	.000
Linear-by-Linear Association	2120.779	1	.000
N of Valid Cases	6785		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 78.59.

Risk Estimate

	Value

Odds Ratio for Partner's Age at first intercourse, categorical (Under 15yrs / 15-17yrs)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

RELATIONSHIP WITH FIRST PARTNER-RECODE * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		Total
			Early	Late	
RELATIONSHIP WITH FIRST PARTNER-RECODE	Steady Relationship	Count	2930	1951	4881
		% within RELATIONSHIP WITH FIRST PARTNER-RECODE	60.0%	40.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	70.3%	75.2%	72.2%
	Non-Steady Relationship	Count	1235	644	1879

		% within RELATIONSHIP WITH FIRST PARTNER-RECODE	65.7%	34.3%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	29.7%	24.8%	27.8%
Total		Count	4165	2595	6760
	% within RELATIONSHIP WITH FIRST PARTNER-RECODE		61.6%	38.4%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	18.623(b)	1	.000		
Continuity Correction(a)	18.382	1	.000		
Likelihood Ratio	18.799	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	18.620	1	.000		
N of Valid Cases	6760				

a Computed only for a 2x2 table

b 0 cells (.0%) have expected count less than 5. The minimum expected count is 721.30.

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for RELATIONSHIP WITH FIRST PARTNER-RECODE (Steady Relationship / Non-Steady Relationship)	.783	.701	.875
For cohort Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents = Early	.913	.878	.950
For cohort Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents = Late	1.166	1.086	1.253
N of Valid Cases	6760		

Wantedness of first intercourse * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Wantedness of first intercourse	Really didnt want	Count	471	291	101	863
		% within Wantedness of first intercourse	54.6%	33.7%	11.7%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	13.6%	13.5%	13.9%	13.6%
	Mixed Feelings	Count	1788	1105	369	3262
		% within Wantedness of first intercourse	54.8%	33.9%	11.3%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	51.6%	51.3%	50.8%	51.4%
	Really wanted	Count	1209	757	257	2223
		% within Wantedness of first intercourse	54.4%	34.1%	11.6%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	34.9%	35.2%	35.4%	35.0%

Total	Count	3468	2153	727	6348
	% within Wantedness of first intercourse	54.6%	33.9%	11.5%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.195(a)	4	.996
Likelihood Ratio	.195	4	.996
Linear-by-Linear Association	.000	1	.986
N of Valid Cases	6348		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 98.83.

Risk Estimate

	Value
Odds Ratio for Wantedness of first intercourse (Really didnt want / Mixed Feelings)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Marital Status at Interview * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Marital Status at Interview	Married	Count	1614	1466	0	3080
		% within Marital Status at Interview	52.4%	47.6%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	38.6%	56.4%	.0%	40.3%
	W/D/S	Count	718	328	0	1046
		% within Marital Status at Interview	68.6%	31.4%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	17.2%	12.6%	.0%	13.7%
	Never Married	Count	1852	807	858	3517
		% within Marital Status at Interview	52.7%	22.9%	24.4%	100.0%

	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	44.3%	31.0%	100.0%	46.0%
Total	Count	4184	2601	858	7643
	% within Marital Status at Interview	54.7%	34.0%	11.2%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1345.124(a)	4	.000
Likelihood Ratio	1665.884	4	.000
Linear-by-Linear Association	985.690	1	.000
N of Valid Cases	7643		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 117.42.

Risk Estimate

	Value
Odds Ratio for Marital Status at Interview (Married / W/D/S)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	LESS THAN 18 YEARS	Count	897	359	76	1332
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	67.3%	27.0%	5.7%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	21.4%	13.8%	8.9%	17.4%
	18-19 YEARS	Count	908	489	136	1533

		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	59.2%	31.9%	8.9%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	21.7%	18.8%	15.9%	20.1%
	20-24 YEARS	All Respondents Count	1609	1103	305	3017
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	53.3%	36.6%	10.1%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	38.5%	42.4%	35.5%	39.5%
	25-29 YEARS	All Respondents Count	488	478	226	1192
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	40.9%	40.1%	19.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER	11.7%	18.4%	26.3%	15.6%
	30 OR OLDER	All Respondents Count	216	146	104	466

		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	46.4%	31.3%	22.3%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	5.2%	5.6%	12.1%	6.1%
	MOTHER-FIGURE HAD NO CHILDREN	Count	66	26	11	103
		% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	64.1%	25.2%	10.7%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	1.6%	1.0%	1.3%	1.3%
Total		Count	4184	2601	858	7643
	% within AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH		54.7%	34.0%	11.2%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	299.739(a)	10	.000
Likelihood Ratio	288.409	10	.000
Linear-by-Linear Association	1.161	1	.281
N of Valid Cases	7643		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.56.

Risk Estimate

	Value
Odds Ratio for AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH (LESS THAN 18 YEARS / 18-19 YEARS)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Number of Life Partners, Categorized * Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents

Crosstab

			Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents			Total
			Early	Late	95	
Number of Life Partners, Categorized	None	Count	0	0	858	858
		% within Number of Life Partners, Categorized	.0%	.0%	100.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	.0%	.0%	100.0%	11.2%
	1-5 partners	Count	2423	2146	0	4569
		% within Number of Life Partners, Categorized	53.0%	47.0%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	57.9%	82.5%	.0%	59.8%
	6-10 partners	Count	1043	319	0	1362
		% within Number of Life Partners, Categorized	76.6%	23.4%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	24.9%	12.3%	.0%	17.8%
	More than 10 partners	Count	718	136	0	854

		% within Number of Life Partners, Categorized	84.1%	15.9%	.0%	100.0%
		% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents	17.2%	5.2%	.0%	11.2%
Total		Count	4184	2601	858	7643
	% within Number of Life Partners, Categorized		54.7%	34.0%	11.2%	100.0%
	% within Early Onset of Sexual Intercourse YES/NO/NEVER All Respondents		100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	8154.015(a)	6	.000
Likelihood Ratio	5853.176	6	.000
Linear-by-Linear Association	2485.323	1	.000
N of Valid Cases	7643		

a 0 cells (.0%) have expected count less than 5. The minimum expected count is 95.87.

Risk Estimate

	Value
Odds Ratio for Number of Life Partners, Categorized (None / 1-5 partners)	(a)

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Crude Logistic Regression Output for Female Respondents

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6785	88.8
	Missing Cases	858	11.2
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.475	.025	362.451	1	.000	1.609

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	AGER	253.282	1	.000
	Overall Statistics		253.282	1	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	256.897	1	.000	
	Block	256.897	1	.000	
	Model	256.897	1	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8776.356 (a)	.037	.050

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	448	2153	17.2
		Early	487	3697	88.4
	Overall Percentage				61.1

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	AGER	-.052	.003	246.793	1	.000	.949	.943	.955
	Constant	2.107	.108	379.765	1	.000	8.224		

a Variable(s) entered on step 1: AGER.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6785	88.8
	Missing Cases	858	11.2
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding		
			(1)	(2)	(3)
RACE & HISPANIC ORIGIN OF RESPONDENT	HISPANIC	1407	1.000	.000	.000
	NON-HISPANIC WHITE	3667	.000	.000	.000
	NON-HISPANIC BLACK	1389	.000	1.000	.000
	NON-HISPANIC OTHER	322	.000	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.475	.025	362.451	1	.000	1.609

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	HISPRACE	212.351	3	.000
		HISPRACE(1)	61.791	1	.000
		HISPRACE(2)	127.501	1	.000
		HISPRACE(3)	64.834	1	.000
	Overall Statistics		212.351	3	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	215.158	3	.000	
	Block	215.158	3	.000	
	Model	215.158	3	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8818.096 (a)	.031	.042

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	192	2409	7.4
		Early	130	4054	96.9
	Overall Percentage				62.6

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	HISPRACE			204.616	3	.000			
	HISPRACE (1)	-.387	.063	37.435	1	.000	.679	.600	.769
	HISPRACE (2)	.597	.071	71.565	1	.000	1.816	1.582	2.086

HISPRACE (3)	-.881	.119	55.234	1	.000	.414	.328	.523
Constant	.491	.034	208.398	1	.000	1.634		

a Variable(s) entered on step 1: HISPRACE.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6785	88.8
	Missing Cases	858	11.2
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

	Frequenc y	Parameter coding		
		(1)	(2)	(3)

Rs Education	Less than HS	1190	1.000	.000	.000
	HS Grad/GED	2053	.000	1.000	.000
	Some College	2020	.000	.000	1.000
	College Graduate or Higher	1522	.000	.000	.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.475	.025	362.451	1	.000	1.609

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	RESPEDU	500.184	3	.000
		RESPEDU(1)	174.480	1	.000
		RESPEDU(2)	70.990	1	.000
		RESPEDU(3)	1.811	1	.178
	Overall Statistics		500.184	3	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	503.080	3	.000
	Block	503.080	3	.000
	Model	503.080	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8530.174 (a)	.071	.097

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	915	1686	35.2
		Early	607	3577	85.5
	Overall Percentage				66.2

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	RESPEDU			471.743	3	.000			
	RESPEDU(1)	1.710	.088	378.067	1	.000	5.527	4.652	6.567
	RESPEDU(2)	1.221	.071	296.421	1	.000	3.389	2.950	3.895
	RESPEDU(3)	.834	.069	144.738	1	.000	2.304	2.011	2.639
	Constant	-.410	.052	61.461	1	.000	.663		

a Variable(s) entered on step 1: RESPEDU.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6785	88.8
	Missing Cases	858	11.2
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding	
			(1)	(2)
PARENTAL LIVING SITUATION AT	R LIVED WITH BOTH BIOLOGICAL OR ADOPTIVE PARENTS AT AGE 14	4658	.000	.000

AGE 14	R LIVED WITH 1 BIOLOGICAL PARENT AND 1 ADOPTIVE OR STEP PARE	665	1.000	.000
	R LIVED IN ANY OTHER PARENTAL SITUATION OR A NONPARENTAL SIT	1462	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step	Constan	.475	.025	362.451	1	.000	1.609

0	t						

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	PARAGE14	296.101	2	.000
		PARAGE14(1)	115.413	1	.000
		PARAGE14(2)	129.596	1	.000
	Overall Statistics		296.101	2	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	311.506	2	.000	
	Block	311.506	2	.000	
	Model	311.506	2	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8721.747	.045	.061

	(a)		

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	PARAGE14			282.703	2	.000			
	PARAGE14 (1)	1.247	.103	146.761	1	.000	3.481	2.845	4.259
	PARAGE14 (2)	.875	.067	171.429	1	.000	2.399	2.104	2.735
	Constant	.196	.029	44.497	1	.000	1.217		

a Variable(s) entered on step 1: PARAGE14.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6785	88.8
	Missing Cases	858	11.2
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding			
			(1)	(2)	(3)	(4)
MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	LESS THAN HIGH SCHOOL	1869	1.000	.000	.000	.000
	HIGH SCHOOL GRAD OR GED	2337	.000	1.000	.000	.000
	SOME COLLEGE	1433	.000	.000	1.000	.000

	BACHELOR'S DEGREE OR HIGHER	1098	.000	.000	.000	.000
	NO MOTHER-FIGURE	48	.000	.000	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.475	.025	362.451	1	.000	1.609

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	EDUCMOM	57.113	4	.000
		EDUCMOM(1)	13.826	1	.000
		EDUCMOM(2)	20.841	1	.000
		EDUCMOM(3)	7.691	1	.006
		EDUCMOM(4)	6.264	1	.012
	Overall Statistics		57.113	4	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	57.440	4	.000
	Block	57.440	4	.000
	Model	57.440	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8975.814	.008	.011

	(a)		

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	EDUCMOM			56.522	4	.000			
	EDUCMOM(1)	.130	.077	2.865	1	.091	1.139	.980	1.323
	EDUCMOM(2)	.439	.075	34.535	1	.000	1.550	1.339	1.795
	EDUCMOM(3)	.414	.082	25.454	1	.000	1.513	1.288	1.777
	EDUCMOM(4)	1.138	.361	9.956	1	.002	3.119	1.539	6.324

Constant	.197	.061	10.589	1	.001	1.218		

a Variable(s) entered on step 1: EDUCMOM.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6585	86.2
	Missing Cases	1058	13.8
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequenc y	Parameter coding (1)	(2)	(3)	(4)
Fathers Educatio	Less than HS	1643	1.000	.000	.000	.000
	HS Grad/GED	1950	.000	1.000	.000	.000

n	Some College	1122	.000	.000	1.000	.000
	Bachelors Degree or Higher	1391	.000	.000	.000	.000
	No Father Figure Present	479	.000	.000	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2540	.0
		Early	0	4045	100.0
	Overall Percentage				61.4

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.465	.025	337.828	1	.000	1.593

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	EDUCDAD	97.413	4	.000
		EDUCDAD(1)	7.323	1	.007
		EDUCDAD(2)	23.362	1	.000
		EDUCDAD(3)	.861	1	.353
		EDUCDAD(4)	36.247	1	.000
	Overall Statistics		97.413	4	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	98.720	4	.000
	Block	98.720	4	.000
	Model	98.720	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8683.002 (a)	.015	.020

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	2540	.0
		Early	0	4045	100.0
	Overall Percentage				61.4

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	EDUCDAD			95.870	4	.000			
	EDUCDAD (1)	.226	.073	9.433	1	.002	1.253	1.085	1.447
	EDUCDAD (2)	.536	.072	55.662	1	.000	1.710	1.485	1.968
	EDUCDAD (3)	.395	.082	23.317	1	.000	1.485	1.265	1.743
	EDUCDAD (4)	.940	.118	63.963	1	.000	2.561	2.034	3.225
	Constant	.122	.054	5.188	1	.023	1.130		

a Variable(s) entered on step 1: EDUCDAD.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6656	87.1
	Missing Cases	987	12.9
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Block 0: Beginning Block

Classification Table(a,b)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 0	Early Onset for Log reg	Late	0	2564	.0	
		Early	0	4092	100.0	

Overall Percentage			61.5

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.467	.025	344.460	1	.000	1.596

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	AGEDIFF	97.478	1	.000
	Overall Statistics		97.478	1	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	96.675	1	.000	
	Block	96.675	1	.000	
	Model	96.675	1	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8776.574 (a)	.014	.020

a Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	152	2412	5.9
		Early	23	4069	99.4
	Overall Percentage				63.4

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	AGEDIFF	.216	.022	94.427	1	.000	1.241	1.188	1.296
	Constant	.070	.048	2.177	1	.140	1.073		

a Variable(s) entered on step 1: AGEDIFF.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6760	88.4
	Missing Cases	883	11.6
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding (1)
RELATIONSHIP	Steady Relationship	4881	.000

WITH FIRST PARTNER-RECODE	Non-Steady Relationship	1879	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2595	.0
		Early	0	4165	100.0
	Overall Percentage				61.6

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.473	.025	357.904	1	.000	1.605

Variables not in the Equation

	Score	df	Sig.

Step 0	Variables	RELATIONSHIP(1)	18.623	1	.000
	Overall Statistics		18.623	1	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	18.799	1	.000	
	Block	18.799	1	.000	
	Model	18.799	1	.000	

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8984.570(a)	.003	.004

a Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table(a)

	Observed		Predicted
	Early Onset for Log reg	Percentage Correct	

			Late	Early	
Step 1	Early Onset for Log reg	Late	0	2595	.0
		Early	0	4165	100.0
	Overall Percentage				61.6

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	RELATIONSHIP(1)	.244	.057	18.581	1	.000	1.277	1.143	1.427
	Constant	.407	.029	193.678	1	.000	1.502		

a Variable(s) entered on step 1: RELATIONSHIP.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	5621	73.5
	Missing Cases	2022	26.5
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding	
			(1)	(2)
Wantedness of first intercourse	Really didnt want	762	1.000	.000
	Mixed Feelings	2893	.000	1.000
	Really wanted	1966	.000	.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2153	.0
		Early	0	3468	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.477	.027	301.876	1	.000	1.611

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	WANTSEX1	.052	2	.974
		WANTSEX1(1)	.005	1	.945
		WANTSEX1(2)	.029	1	.865
	Overall Statistics		.052	2	.974

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

			Chi-square	df	Sig.
Step 1	Step	.052	2	.974	
	Block	.052	2	.974	

	Mode l	.052	2	.974

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	7481.803 (a)	.000	.000

a Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	2153	.0
		Early	0	3468	100.0
	Overall Percentage				61.7

a The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
							Lower	Upper

Step 1(a)	WANTSEX 1			.052	2	.974			
	WANTSEX 1(1)	.013	.088	.023	1	.879	1.013	.853	1.204
	WANTSEX 1(2)	.013	.060	.047	1	.828	1.013	.901	1.140
	Constant	.468	.046	102.041	1	.000	1.597		

a Variable(s) entered on step 1: WANTSEX1.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6785	88.8
	Missing Cases	858	11.2
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding	
			(1)	(2)
Marital Status at Interview	Married	3080	.000	.000
	W/D/S	1046	1.000	.000
	Never Married	2659	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.475	.025	362.451	1	.000	1.609

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	MARITAL	205.046	2	.000
		MARITAL(1)	25.465	1	.000
		MARITAL(2)	117.933	1	.000
	Overall Statistics		205.046	2	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	205.319	2	.000
	Block	205.319	2	.000
	Model	205.319	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8827.935 (a)	.030	.041

a Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 1	Early Onset for Log reg	Late	0	2601	.0	
		Early	0	4184	100.0	
	Overall Percentage				61.7	

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	MARITAL			202.480	2	.000			
	MARITAL(1)	.687	.076	82.245	1	.000	1.988	1.714	2.307
	MARITAL(2)	.735	.056	175.122	1	.000	2.084	1.870	2.324
	Constant	.096	.036	7.106	1	.008	1.101		

a Variable(s) entered on step 1: MARITAL.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6785	88.8
	Missing Cases	858	11.2
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding				
			(1)	(2)	(3)	(4)	(5)
AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	LESS THAN 18 YEARS	1256	1.000	.000	.000	.000	.000
	18-19 YEARS	1397	.000	1.000	.000	.000	.000
	20-24 YEARS	2712	.000	.000	1.000	.000	.000
	25-29 YEARS	966	.000	.000	.000	.000	.000
	30 OR OLDER	362	.000	.000	.000	1.000	.000
	MOTHER-FIGURE HAD NO CHILDREN	92	.000	.000	.000	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.475	.025	362.451	1	.000	1.609

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	AGEMOMB1	118.691	5	.000
		AGEMOMB1(1)	62.005	1	.000

	AGEMOMB1(2)	8.257	1	.004
	AGEMOMB1(3)	10.434	1	.001
	AGEMOMB1(4)	.645	1	.422
	AGEMOMB1(5)	4.004	1	.045
Overall Statistics		118.691	5	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	119.617	5	.000
	Block	119.617	5	.000
	Model	119.617	5	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8913.636 (a)	.017	.024

a Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	AGEMOMB1			116.807	5	.000			
	AGEMOMB1(1)	.895	.090	99.617	1	.000	2.447	2.053	2.918
	AGEMOMB1(2)	.598	.085	49.100	1	.000	1.819	1.539	2.150
	AGEMOMB1(3)	.357	.075	22.465	1	.000	1.429	1.233	1.656
	AGEMOMB1(4)	.371	.125	8.810	1	.003	1.449	1.134	1.851
	AGEMOMB1(5)	.911	.240	14.365	1	.000	2.486	1.552	3.982
	Constant	.021	.064	.104	1	.748	1.021		

a Variable(s) entered on step 1: AGEMOMB1.

Logistic Regression

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6785	88.8
	Missing Cases	858	11.2
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding	
			(1)	(2)
Number of Life Partners, Categorized	1-5 partners	4569	.000	.000
	6-10 partners	1362	1.000	.000
	More than 10 partners	854	.000	1.000

Block 0: Beginning Block

Classification Table(a,b)

			Observed		Predicted
			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 0	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a Constant is included in the model.
b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.475	.025	362.451	1	.000	1.609

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	LIFPRTNRCAT	453.649	2	.000

	LIFPRTNRCAT(1)	160.322	1	.000
	LIFPRTNRCAT(2)	207.545	1	.000
Overall Statistics		453.649	2	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	484.524	2	.000
	Block	484.524	2	.000
	Model	484.524	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	8548.729 (a)	.069	.094

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

	Observed	Predicted

			Early Onset for Log reg		Percentage Correct
			Late	Early	
Step 1	Early Onset for Log reg	Late	0	2601	.0
		Early	0	4184	100.0
	Overall Percentage				61.7

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	LIFPRTNRCAT			421.125	2	.000			
	LIFPRTNRCAT(1)	1.063	.071	227.368	1	.000	2.896	2.522	3.325
	LIFPRTNRCAT(2)	1.542	.098	247.189	1	.000	4.676	3.858	5.667
	Constant	.121	.030	16.773	1	.000	1.129		

a Variable(s) entered on step 1: LIFPRTNRCAT.

Final Logistic Regression for Adjusted Analysis, Female Respondents

Case Processing Summary

Unweighted Cases(a)		N	Percent
Selected Cases	Included in Analysis	6448	84.4

	Missing Cases	1195	15.6
	Total	7643	100.0
Unselected Cases		0	.0
Total		7643	100.0

a If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Late	0
Early	1

Categorical Variables Codings

		Frequency	Parameter coding				
			(1)	(2)	(3)	(4)	(5)
AGE OF MOTHER (OR MOTHER-FIGURE) AT FIRST BIRTH	LESS THAN 18 YEARS	1150	1.000	.000	.000	.000	.000
	18-19 YEARS	1330	.000	1.000	.000	.000	.000
	20-24 YEARS	2596	.000	.000	1.000	.000	.000
	25-29 YEARS	932	.000	.000	.000	.000	.000
	30 OR OLDER	354	.000	.000	.000	1.000	.000
	MOTHER-FIGURE HAD NO CHILDREN	86	.000	.000	.000	.000	1.000
MOTHER'S (OR MOTHER-FIGURE'S) EDUCATION	LESS THAN HIGH SCHOOL	1733	1.000	.000	.000	.000	
	HIGH SCHOOL GRAD OR GED	2228	.000	1.000	.000	.000	
	SOME COLLEGE	1379	.000	.000	1.000	.000	

	BACHELOR'S DEGREE OR HIGHER	1065	.000	.000	.000	.000	
	NO MOTHER-FIGURE	43	.000	.000	.000	1.000	
Fathers Education	Less than HS	1603	1.000	.000	.000	.000	
	HS Grad/GED	1909	.000	1.000	.000	.000	
	Some College	1101	.000	.000	1.000	.000	
	Bachelors Degree or Higher	1374	.000	.000	.000	.000	
	No Father Figure Present	461	.000	.000	.000	1.000	
RACE & HISPANIC ORIGIN OF RESPONDENT	HISPANIC	1334	1.000	.000	.000		
	NON-HISPANIC WHITE	3530	.000	.000	.000		
	NON-HISPANIC BLACK	1277	.000	1.000	.000		
	NON-HISPANIC OTHER	307	.000	.000	1.000		
Rs Education	Less than HS	1087	1.000	.000	.000		
	HS Grad/GED	1924	.000	1.000	.000		
	Some College	1945	.000	.000	1.000		
	College Graduate or Higher	1492	.000	.000	.000		
PARENTAL LIVING SITUATION AT AGE 14	R LIVED WITH BOTH BIOLOGICAL OR ADOPTIVE PARENTS AT AGE 14	4447	.000	.000			

	R LIVED WITH 1 BIOLOGICAL PARENT AND 1 ADOPTIVE OR STEP PARE	629	1.000	.000			
	R LIVED IN ANY OTHER PARENTAL SITUATION OR A NONPARENTAL SIT	1372	.000	1.000			
Marital Status at Interview	Married	2948	.000	.000			
	W/D/S	979	1.000	.000			
	Never Married	2521	.000	1.000			
RELATIONSHIP WITH FIRST PARTNER-RECODE	Steady Relationship	4716	.000				
	Non-Steady Relationship	1732	1.000				

Block 0: Beginning Block

Classification Table(a,b)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 0	Early Onset for Log reg	Late	0	2498	.0	
		Early	0	3950	100.0	
	Overall Percentage				61.3	

a Constant is included in the model.

b The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.458	.026	321.309	1	.000	1.581

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	AGER	256.219	1	.000
		HISPRACE	207.221	3	.000
		HISPRACE(1)	58.502	1	.000
		HISPRACE(2)	125.603	1	.000
		HISPRACE(3)	62.902	1	.000
		RESPEDU	472.695	3	.000
		RESPEDU(1)	164.983	1	.000
		RESPEDU(2)	67.793	1	.000
		RESPEDU(3)	.844	1	.358
		PARAGE14	282.502	2	.000
		PARAGE14(1)	115.391	1	.000
		PARAGE14(2)	118.826	1	.000
		EDUCMOM	59.253	4	.000
		EDUCMOM(1)	16.585	1	.000
		EDUCMOM(2)	24.535	1	.000
		EDUCMOM(3)	7.605	1	.006
		EDUCMOM(4)	4.374	1	.036
		EDUCDAD	92.506	4	.000
		EDUCDAD(1)	7.398	1	.007
		EDUCDAD(2)	21.893	1	.000
		EDUCDAD(3)	.975	1	.323

EDUCDAD(4)	34.961	1	.000
AGEDIFF	88.529	1	.000
RELATIONSHIP(1)	14.485	1	.000
MARITAL	196.442	2	.000
MARITAL(1)	24.350	1	.000
MARITAL(2)	113.824	1	.000
AGEMOMB1	106.956	5	.000
AGEMOMB1(1)	58.482	1	.000
AGEMOMB1(2)	6.792	1	.009
AGEMOMB1(3)	8.918	1	.003
AGEMOMB1(4)	.432	1	.511
AGEMOMB1(5)	2.659	1	.103
Overall Statistics	1124.023	26	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	1235.490	26	.000
	Block	1235.490	26	.000
	Model	1235.490	26	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	7373.545 (a)	.174	.237

a Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table(a)

			Observed			Predicted
			Early Onset for Log reg		Percentage Correct	
			Late	Early		
Step 1	Early Onset for Log reg	Late	1243	1255	49.8	
		Early	735	3215	81.4	
	Overall Percentage				69.1	

a The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1(a)	AGER	-.045	.004	104.228	1	.000	.956	.948	.964
	HISPRACE			165.827	3	.000			
	HISPRACE(1)	-.766	.083	85.898	1	.000	.465	.395	.547

HISPRACE(2)	.267	.084	10.210	1	.001	1.306	1.109	1.539
HISPRACE(3)	-.991	.136	53.317	1	.000	.371	.284	.484
RESPEDU			254.690	3	.000			
RESPEDU(1)	1.675	.112	221.927	1	.000	5.337	4.282	6.652
RESPEDU(2)	1.050	.084	156.430	1	.000	2.859	2.425	3.371
RESPEDU(3)	.656	.077	73.105	1	.000	1.927	1.658	2.240
PARAGE14			93.974	2	.000			
PARAGE14(1)	.938	.114	68.043	1	.000	2.555	2.045	3.193
PARAGE14(2)	.544	.085	40.825	1	.000	1.723	1.458	2.036
EDUCMOM			28.312	4	.000			
EDUCMOM(1)	-.322	.111	8.377	1	.004	.724	.582	.901
EDUCMOM(2)	.079	.094	.711	1	.399	1.082	.901	1.301
EDUCMOM(3)	.157	.096	2.693	1	.101	1.170	.970	1.411
EDUCMOM(4)	.076	.392	.037	1	.847	1.079	.500	2.327
EDUCDAD			2.722	4	.605			
EDUCDAD(1)	-.057	.103	.309	1	.579	.945	.773	1.155
EDUCDAD(2)	.047	.089	.282	1	.596	1.048	.880	1.248
EDUCDAD(3)	.070	.095	.548	1	.459	1.073	.891	1.292
EDUCDAD(4)	-.091	.150	.370	1	.543	.913	.680	1.225
AGEDIFF	.182	.025	52.435	1	.000	1.200	1.142	1.260
RELATIONSHIP(1)	.096	.065	2.172	1	.141	1.101	.969	1.252
MARITAL			49.139	2	.000			
MARITAL(1)	.596	.085	48.945	1	.000	1.815	1.536	2.145
MARITAL(2)	.150	.071	4.519	1	.034	1.162	1.012	1.334
AGEMOMB1			38.372	5	.000			
AGEMOMB1(1)	.642	.109	34.535	1	.000	1.900	1.534	2.354
AGEMOMB1(2)	.363	.099	13.358	1	.000	1.438	1.183	1.747
AGEMOMB1(3)	.247	.085	8.398	1	.004	1.280	1.083	1.512

AGEMOMB1(4)	.365	.139	6.862	1	.009	1.441	1.096	1.893
AGEMOMB1(5)	.624	.263	5.639	1	.018	1.867	1.115	3.125
Constant	.299	.184	2.647	1	.104	1.349		

a Variable(s) entered on step 1: AGER, HISPRACE, RESPEDU, PARAGE14, EDUCMOM, EDUCDAD, AGEDIFF, RELATIONSHIP, MARITAL, AGEMOMB1.

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