

# Teenage Pregnancy And Sexually Transmitted Infection Prevention: A Pilot Study Exploring Knowledge And Reported Behaviors

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## ABSTRACT

*The Teen Pregnancy Prevention Program (TPP) is administered by the Office of Adolescent Health, with a goal of addressing the rising teen pregnancy rates in the United States. One TPP initiative includes the replication of evidence-based program models that seek to prevent teen pregnancies and sexually transmitted infections (Department of Health and Human Services, 2014). FOCUS Butler County, in Southwestern Ohio, is one such women's health program. In a pilot study, conducted between March and August 2011, 96 female participants between the ages of 16 and 23 were surveyed to capture a "snapshot" of their baseline knowledge and behaviors. Following their completion of the questionnaire, respondents participated in eight hours of evidenced-based, comprehensive sexual education. Four months post-intervention (n=49) and 12 months post-intervention (n=28), participants were re-surveyed to assess knowledge and behaviors. This longitudinal, observational study explored the frequency and means of reported responses. For further analysis, questions were assigned to one of ten categories: 1) demographics/history, 2) knowledge-based, 3) reported behaviors, 4) opinions, 5) perceived opinions of friends, 6) intentions for future practice, 7) perception of risk, 8) attitudes regarding condom use, 9) attitudes related to alcohol use, and 10) perception of comfort related to health seeking behaviors. Significant findings were noted in the category of knowledge-based questions.*

**Keywords:** Teen Pregnancy Prevention; Sexually Transmitted Infection; Women's Health; Sex Education

## INTRODUCTION

*H*ealthy People 2020 (U.S. Department of Health and Human Services, 2013) has identified several important goals related to family planning for females, including to: 1) increase the proportion of females at risk of unintended pregnancy who used contraception at most recent sexual intercourse, 2) reduce pregnancy rates among adolescent females, 3) increase the proportion of adolescents aged 17 years and under who have never had sexual intercourse, 4) increase the proportion of sexually active adolescents aged 15 to 19 years who use contraception that both effectively prevents pregnancy and provides barrier protection against disease, and 5) increase the proportion of adolescents who received formal instruction on reproductive health topics before they were 18 years old.

In alignment with these national goals, the Office of Adolescent Health (OAH) was established, in 2010, to support and evaluate evidence-based teen pregnancy prevention (TPP) programs and to implement the Pregnancy Assistance Fund. One set of strategic priorities for OAH is to identify, promote, and support a range of evidence-based approaches to enhance adolescent health, such as behavioral risk reduction, positive youth development, program and policy interventions, and recommended clinical preventive care for adolescents and young adults (USDHHS 2013). OAH is also charged with communicating adolescent health information to health professionals and other youth-serving entities (USDHHS, 2013).

FOCUS was one of thirty evidence-based programs approved for replication (Sociometrics, 2005). The educational program was originally conducted with young women in the US Marine Corps and stated goals of the FOCUS curriculum included primary pregnancy prevention and STD/HIV/AIDS prevention. The original study sample was comprised of 2,157 young women, aged 17 or older; approximately 90% of participants were younger than 22 (Boyer et al., 2005).

FOCUS is now being delivered to females, 16-19 years of age, in schools and other community-based settings in Butler County, Ohio, through TPP funding and an on-going partnership between the YWCA Hamilton and Miami University's Department of Nursing. Collaborative efforts have enabled these two agencies to meet the needs of an otherwise underserved population.

## BACKGROUND

In 2010, before the FOCUS Program began, a needs assessment for Butler County and the surrounding region was completed. During this time, it was discovered that, of the 88 counties in Ohio, Butler County ranked 50<sup>th</sup> in "overall health outcomes" and 48<sup>th</sup> in "overall health factors" (with a 1 rating being "best"). As a means of providing context, selected findings from the 2010 needs assessment will be highlighted. Table 1: Butler County Health Statistics lists relevant health factors and outcomes, as they compared to the "target rates" and Ohio's overall rates (County Health Rankings and Roadmaps).

**Table 1: Butler County Health Statistics**

Health Factor	Butler County	Target	Ohio
Teen births; #/1K	37	22	41
Chlamydia; #/100K	334	75	413
Binge drinking, %	18	10	16
Low birth weight, %	7.5	6.4	8.4
High school graduation, %	78	93	79
Income inequity coefficient *100 = all income in county in one household. *0 = all income equally distributed	42	37	45

State-level data was evaluated in order to obtain perspective on sexually transmitted infection (STI) rates. In a list of the top ten states in the US ranked by rate of reported STI cases in 2008, Ohio ranked 10th for gonorrhea with 146.5 per 100,000 (Avert, 2010). The U.S. Department of Health and Human Services Community Health Status Indicators (2009) compared U.S. counties to "peer counties" and to the U.S. median (Table 2). It was noted that Butler County is very similar to identified peers, but that the statistics fall on the high end for both infant and neonatal mortality rates.

**Table 2: Health Statistics For Butler County As Compared To "Peer" Counties**

Health Status Indicators	Butler County %	Peer Counties %	US Median %
Births to Women <18 Years of age	3	1-4	3
Births to Unmarried Women	32	17-35	35
Premature Births	11	9-13	12
Very Low Birth Weight	2	1-2	2
No care 1 <sup>st</sup> Trimester	13	8-18	16
Infant Mortality per 1000 live births	8	4-8	7
White Infants	8	3-6	6
Black Infants	11	0-17	14
Hispanic infants	7	2-9	6
Neonatal mortality/1000 infants	6	3-6	5

## **PURPOSE**

The purposes of this pilot study were to 1) gather data on baseline knowledge and behaviors, related to sexual health, in a target population of 16-23 year old females in southern Ohio and 2) examine knowledge and reported behaviors at 4-months and 12-months post intervention, following teen participation in an evidence-based TPP Program.

## **METHODS**

This was a longitudinal, observational study. Statistical Analysis Software (SAS) was used to find frequency and means of responses. Questions were assigned to one of ten basic categories: 1) demographics/history, 2) knowledge-based, 3) reported behaviors, 4) opinions, 5) perceived opinions of friends, 6) intentions for future practice, 7) perception of risk, 8) attitudes regarding condom use, 9) attitudes related to alcohol use, and 10) perception of comfort related to health seeking behaviors. The question categories were then analyzed, using the mixed procedure, to determine the proportions of change between baseline surveys and 12-month follow-up surveys. Methods used in the knowledge-based category are detailed within those findings.

## **PROCEDURES**

### **Search**

The recruitment and selection of subjects occurred through communication with local schools and agencies and requests for female volunteers, 16-23 years of age. The YWCA Project Director negotiated agency contracts so that administrators of community partners were fully aware of the FOCUS content and materials used.

### **Sampling**

The study sample included 96 females, ages 16-23 years, from Miami University, a local high school, a vocational school and community organization located in Butler County, Ohio. The FOCUS curriculum was implemented at: 1) Miami University in an all-day conference format, educating female participants, 16-23 years of age (n=34), 2) local high school in four, two-hour sessions, educating female participants, 16-19 years of age (n=8), 3) a community agency in four, two-hour sessions, educating female participants, 16-23 years of age (n=12) and 4) local vocational school in five, one-hour sessions, educating junior and senior-level female participants (n=39). The length and number of sessions were determined by the site's preferences.

### **Inclusion And Exclusion Criteria**

There were 105 females served within our target population between March and August 2011. Of these girls, five participants were excluded from this report because their service year overlapped between the year of the study and the following year. Four participants were excluded from the study because they chose not to complete the program.

### **Risks And Informed Consent**

The risks involved with this voluntary study were related to potential breaches of confidentiality. Safeguards to prevent privacy violations included the coding and removal of identifying information from surveys, storing confidential data in double-locked locations, and the use of the secure Checkbox system for electronic surveys. Participants and parents/guardians, for those under 18 years old, were required to sign informed consents and were given information on how to reach Miami University's Department of Nursing and the Office of Advancement of Research and Scholarship. This research was conducted in compliance with Miami University's Institutional Review Board.

**Conflicts Of Interest**

There are no known conflicts of interest to report.

**Program Description**

Study participants were involved in a total commitment of 9 to 10 hours, including time allocated for survey completion. The FOCUS Program’s curriculum takes approximately 8 hours to complete. It can be delivered in four, two-hour sessions, or in one to two days, alternately, to meet the community agency’s needs. In addition to the eight hours of curriculum, three questionnaires were administered, leading to the additional one to two hours of commitment. Details on each of the four FOCUS Sessions and related Session Objectives are included in Table 3 (Sociometrics, 2005).

**Table 3: Original FOCUS Session Goals And Session Objectives**

<b>Original FOCUS Session Goals</b>	<b>Session Objectives</b>
<p><u>Session 1</u> Increase knowledge about unintended pregnancies and STDs including HIV/AIDS. Modify values, beliefs, and attitudes that impact sexual behavior.</p>	<ol style="list-style-type: none"> <li>1. Increase participants’ awareness of how their values and attitudes shape their views of themselves as sexual beings.</li> <li>2. Evaluate how participants’ values impact their decisions about unplanned pregnancies and STDs.</li> <li>3. Educate participants about the risks associated with unplanned pregnancies and STDs.</li> <li>4. Provide basic facts on female and male reproductive anatomy and physiology.</li> <li>5. Assist participants in developing and articulating their career and/or life goals.</li> <li>6. Examine how reproductive health behaviors may impact participants’ goals.</li> </ol>
<p><u>Session 2</u> Increase knowledge about hormonal and barrier contraceptives. Build communication skills to prevent risky sexual behaviors and increase condom use.</p>	<ol style="list-style-type: none"> <li>1. Provide historical overview of contraceptive methods.</li> <li>2. Discuss factors that influence women’s decisions about contraceptive use/non-use.</li> <li>3. Discuss the pros and cons of contraceptive methods.</li> <li>4. Increase participants’ awareness of the impacts that unplanned pregnancies may have on their personal lives, education and career.</li> <li>5. Examine the range of options available in the event of an unplanned pregnancy, and sources of social support.</li> <li>6. Build communication skills on sexual behavior and contraceptive use with a sexual partner.</li> <li>7. Discuss participants’ feelings and attitudes about contraceptive use, and communication about those topics with sexual partners.</li> </ol>
<p><u>Session 3</u> Increase knowledge about the signs, symptoms, and consequences of STDs/HIV/AIDS. Increase knowledge about the transmission and prevention of STDs/HIV. Build communication skills to prevent STDs/HIV.</p>	<ol style="list-style-type: none"> <li>1. Describe the risks and transmission of STDs/HIV.</li> <li>2. Discuss risky sexual practices.</li> <li>3. Have participants assess their STD/HIV acquisition risk.</li> <li>4. Increase participants’ awareness of how assumptions about a potential sexual partner can influence their risk perceptions.</li> <li>5. Describe signs, symptoms, and consequences of STDs/HIV/AIDS.</li> <li>6. Build skills to communicate with potential partners.</li> <li>7. Discuss how HIV is a reality in the community.</li> <li>8. Examine the impact of HIV on those who are infected with HIV, and on their friends and families.</li> </ol>
<p><u>Session 4</u> Modify attitudes about the effects of alcohol and its relationship to sexual risk behaviors. Build refusal communication skills. Build condom use skills. Increase awareness about how life choices can impact decision-making and health.</p>	<ol style="list-style-type: none"> <li>1. Describe the effects of alcohol use.</li> <li>2. Simulate social and emotional challenges women face early in their careers.</li> <li>3. Describe the steps required for proper condom use.</li> <li>4. Examine the barriers to consistent condom use.</li> <li>5. Provide opportunity to practice condom-use skills.</li> <li>6. Build communication skills to enable participants to leave risky sexual situations.</li> <li>7. Discuss appropriate time to seek reproductive health care.</li> <li>8. List barriers/benefits to seeking reproductive health care.</li> </ol>

**Instruments**

The baseline and two follow-up questionnaires were established instruments used in the original FOCUS study (PASHA, 2005). Minor modifications to the curriculum and to the surveys were made with approval from program developers and the Office of Adolescent Health. These adaptations included the replacement of “military” language, such as “Medical” and “platoon”, with phrases like “clinic or healthcare provider” and “class”, for example. In addition, one video that was marketed for adults in the military was deleted from the program.

The baseline survey consisted of 128 questions and was completed by each participant at the site of service delivery, before the first session began. Two follow-up questionnaires were administered at four- and 12-months, post-intervention. The follow-up surveys were completed individually and were submitted by mail or via electronic survey responses, depending on the participant’s preference. The 4-month survey consisted of 31 questions and the 12-month survey consisted of 131 questions. The questionnaires were adapted from the original research study, with minimal changes.

**FINDINGS**

**Demographics And Reported Histories**

Over the course of the 12-month period, only 1 of the 96 participants reported a marriage status change from unmarried to married; all other 95 participants remained single. The mean participant age was 18.45, with a standard deviation of 2.219. Table 4 presents the reported race of participants. The original study included choices of “black”, “white”, or “other”. These choices were left unchanged for this pilot study.

**Table 4:** Reported Race

Reported Race	Frequency	Cumulative Frequency
Black	14	26
White	70	96
“Other”	12	12

When asked on the baseline survey if they had ever had sex, 78 of 96 reported “yes” and 18 of 96 reported “no”. When asked if they had ever been pregnant, 16 of 96 reported “yes” and 80 of 96 reported “no” on the baseline survey. Reports of pregnancy did not change from the baseline to the 12-month post-intervention reporting period. The mean number of reported sexual partners for our cohort was 3.96, with a standard deviation of 3.67. The mean number of reported sexual partners was 3.96, with a standard deviation of 3.67. Details about reported partner histories (steady versus casual) are included in Table 5 by survey periods.

**Table 5:** Reported Steady Versus Casual Partners By Survey Period

Survey Period	Of the people you have had sex with, how many would you consider steady versus casual partners?	
	Steady Partners	Casual Partners
Baseline	Mean 2.20	Mean 2.16
	Standard Deviation 2.02	Standard Deviation 3.31
	Maximum 12	Maximum 16
	Minimum 0	Minimum 0
12-Month Follow-Up	Mean 1.00	Mean 0.57
	Standard Deviation 0.77	Standard Deviation 1.35
	Maximum 3	Maximum 6
	Minimum 0	Minimum 0

One question, unique to the 12- month questionnaire, was: “Do you consider your last sexual partner, since participating in the FOCUS program, to be a steady partner (someone you knew for a while and had an on-going relationship with) or a casual partner (someone you knew for a short period of time and did not have an on-going relationship with)?” Of those that answered, 19 reported their last partner to be steady and only two reported their last partner to be casual. Six others reported they had never had sex and one declined to answer.

**Knowledge-Based Questions**

Many survey questions addressed knowledge regarding sexual behaviors, birth control options, and sexually transmitted infections (Appendix A). Findings regarding specific perceptions of risk and condom use (Table 6) and reported sexual practices by survey period (Table 7) are highlighted. Compared to the baseline survey, participants in the 12-month follow-up reported a higher perceived risk of having an unplanned pregnancy, a slightly lower perceived risk of getting an STI, and decreased condom use.

**Table 6:** Perception Of Risk And Reported Condom Use

Survey Questions		Mean	Std. Deviation
Baseline	I think chance of unplanned pregnancy in first six months after program is...	10.1052632	16.9915334
	Chance of getting and STI after participation in program is about:	3.6489362	8.7445313
	In general, [since program] what percent of the time do you use condom when sex	48.2467532	37.9730361
12-Month Follow-Up	I think chance of unplanned pregnancy in first six months after program is...	14.0000000	26.1717971
	Chance of getting and STI after participation in program is about:	3.3214286	8.3313490
	In general, [since program] what percent of the time do you use condom when sex	30.5909091	36.9783194

**Table 7:** Reported Sexual Practices By Period

Survey Questions		Mean	Std. Deviation
Baseline	In past 3 months/Since program, how many people did you have sex with?	0.7956989	0.6520726
4-Month Follow-Up	In past 3 months/Since program, how many people did you have sex with?	0.918367	0.7592961
	Since the program, how many times have you had sex?	13.0425532	19.1128883
12-Month Follow-Up	In past 3 months/Since program, how many people did you have sex with?	1.1785714	1.2781228
	Since the program, how many times have you had sex?	26.2380952	30.4498026

The Means Procedure was used to identify means and standard deviations for both proportion of valid responses and proportion of correct responses. These Knowledge-Based proportions are presented in Table 8.

**Table 8:** Knowledge-Based Proportions Of Validity And Correct Responses

Variable: Knowledge-Based	Mean	Standard Deviation
Proportion of Valid Responses	0.9926857	0.0239758
Proportion of Correct Responses	0.5989896	0.1730823

Four elements from the SAS output, using the Mixed Procedure method, are presented below: 1) Model Information (Table 9), 2) Null Model Likelihood Ratio Test (Table 10), 3) Estimates (Table 11), and 4) Least Squares Means (Table 12).

**Table 9:** Model Information

Model Information	
Dependent Variable	Proportion Correct: Knowledge-Based
Covariance Structure	Unstructured
Subject Effect	ID
Estimation Method	REML
Residual Variance Method	None
Fixed Effects SE Method	Model-Based
Degrees of Freedom Method	Between-Within

**Table 10:** Null Model Likelihood Ratio Test

Null Model Likelihood Ratio Test		
df	Chi-Square	Pr > ChiSq
2	11.92	0.0026

**Table 11:** Estimates

Estimates					
Label	Estimate	Standard Error	df	t Value	Pr >  t
12-Month - Baseline	0.09400 (9.4%)	0.02693	95	3.49	0.0007

**Table 12:** Least Squares Means

Least Squares Means									
Effect	Period	Estimate	Standard Error	df	t Value	Pr >  t	Alpha	Lower	Upper
Period	Baseline	0.5686	0.01642	95	34.64	<.0001	0.05	0.5360	0.6012
Period	12-Month	0.6626	0.03010	95	22.01	<.0001	0.05	0.6028	0.7223

**DISCUSSION**

Although FOCUS Butler County is funded as a service replication program, this study includes replication and extension of the original research. Questionnaires from the original FOCUS study (Boyer et al., 2005) were modified to pertain to our specific target population (females, 16-23, in community-based settings). Questions from the baseline, 4-month, and 12-month surveys were assigned to one, of ten, categories and each category’s questions were compared for a proportion of change between baseline and 12-month responses. In this pilot, the only statistically significant changes were seen in the Knowledge-Based category, with a 9.4% overall increase in correct responses. For questions that did not assess concrete, knowledge-based content, responses were coded with “agree” or “strongly agree” as affirmative, or “disagree” or “strongly disagree” as affirmative, based on the question, because of the Likert scale structure of the surveys.

One concept in the Knowledge-Based category, which showed a significant change, was participant understanding of pelvic inflammatory disease (PID). At baseline, only 50% of participants recognized the definition of PID, while at the 12-month follow-up, 85.71% were aware of the definition. A second concept in the Knowledge-Based category, with significant change, was the understanding that Implanon is an effective means of birth control. At baseline, a total of 33.69% identified Implanon as either “somewhat” or “very effective” at preventing pregnancy (both considered affirmative), and by the 12-month follow-up, a total of 75% of the respondents were aware that Implanon is effective (again, selecting “somewhat” or “very effective”).

Although not statistically significant, there were a few other encouraging trends that were extracted from the data. For instance, at baseline, 45.26 believed that Depo-Provera is effective in preventing STDS and by the 12-month follow-up, only 25% still believed this. Similarly, at baseline, 57.89% believed Implanon to be effective in preventing STDs. By the 12-month follow-up, only 21.43% of respondents had this misperception.

Because this study seeks to explore a phenomenon and because it is descriptive in nature, all raw data are presented in the following appendices: Appendix A - Knowledge-Based Questions; Appendix B - Reported Behaviors, Appendix C – Opinions; Appendix D - Perceived Opinions of Friends; Appendix E - Intentions for Future Practice; Appendix F - Perception of Risk; Appendix G - Attitudes Regarding Condom Use; Appendix H - Attitudes Related to Alcohol Use; and Appendix I - Perception of Comfort Related to Health Seeking Behaviors. There were no statistically significant findings besides those previously noted in the knowledge-based category.

**LIMITATIONS**

Two key limitations noted in the pilot study include the homogenous sampling from one Ohio county and the small sample size, which may not be representative of the general population. The on-going research, for years two through five of the funded program, will incorporate much larger numbers - roughly 250-450 participants each

year - and will include a four-county region rather than only one county. Other limitations of the study come with the descriptive design. The study is only meant to capture a “snapshot” of our target population’s knowledge, beliefs, and behaviors. This is an essential first step in understanding the intricacies of teenage pregnancy for our target population. A final limitation that must be addressed is the fact that study participants conclude with a 12-month post-intervention survey. A lot of living and learning happens in a 12-month period and it cannot be implied that changes in knowledge and/or behaviors are directly related to FOCUS participation, free of other influences.

## **CONCLUSION**

The American College of Nurse Midwives (ACNM) recently released their Our Moment of Truth survey results (ACNM, 2013), which reported the following findings: 1) Women report that they don’t feel knowledgeable about available types of birth control; 2) According to 40% of the women surveyed, health care providers don’t properly inform women about how to correctly use their selected method of birth control; 3) Many women are having less than positive experiences when discussing birth control options with their healthcare providers; 4) Women have misperceptions about the effectiveness of birth control options; and 5) A number of women are not using the most effective forms of birth control available to them. The surveys were completed by 1,224 women between the ages of 18 and 45 years old. ACNM’s timely report highlights potential contributing factors to the Center for Disease Control’s estimates that more than one-third of pregnancies between 2006-2012 were unplanned (ACNM, 2013).

Next steps of this study include years 2-5 of the FOCUS Program, during the “full implementation” phase. Participants will include females from 16-19 years old, from a four county region. In order to reduce unplanned pregnancies in women of childbearing age, we must continue to explore their beliefs, behaviors, and barriers, which impact their outcomes. While teenage pregnancy rates, in particular, are not a new concern, each generation brings subsequent strengths and challenges. It is important that health care providers and researchers continue to build an accurate and current understanding of the “problem” in order to develop effective solutions.

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## **AUTHOR INFORMATION**

**Brooke Flinders** received her associate’s and bachelor’s degrees in nursing from Miami University. She earned a certificate in nurse-midwifery (2005) and a master’s degree in nursing (2006) from Frontier School of Midwifery and Family Nursing in Hyden, Kentucky. Her most recent clinical practice included full-scope midwifery services and in-hospital births. In 2010, Flinders partnered with the YWCA Hamilton to receive funding from the U.S. Department of Health and Human Services, as part of the Teen Pregnancy Prevention initiative. Her service-learning program educates teens on sexually transmitted infections and pregnancy prevention strategies. Her research explores teen attitudes and behaviors as well as the impacts of evidence-based programming. Flinders has incorporated hundreds of junior-level nursing students as “FOCUS” program educators and has worked with dozens of undergraduates, through her leadership and research internships. Flinders was recently promoted to Associate Professor and was granted tenure at Miami University.

**Katelyn Gilb** served as undergraduate Research Assistant for the FOCUS Program, during the pilot and first year of full implementation. She graduated from Miami University in May 2012, and is currently practicing as a registered nurse at a nearby county health department. In addition, she is the Program Assistant for the FOCUS Program.



Tricia Neu served as an Undergraduate Associate for the FOCUS program during the fall and spring semesters of the 2012-2013 academic year. She currently is employed as a Research Assistant and will graduate from Miami University in May 2014.

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APPENDIX A: KNOWLEDGE-BASED QUESTIONS

Knowledge-Based Question						
Survey Period	Safe-Sex Includes Activities Such As Hugging/Body Massages/Slow Dancing.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	15 15.79%	10 10.53%	25 26.32%	10 10.53%	35 36.84%	95
12-Month	11 39.29%	2 7.14%	4 14.29%	1 3.57%	10 35.7% <sup>1</sup>	28
Total #	26	12	29	11	45	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	Getting An STD Increases The Risk Of Getting HIV.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	24 25.00%	33 34.38%	22 22.92%	8 8.33%	9 9.38%	96
12-Month	6 21.43%	13 46.43%	5 17.86%	2 7.14%	2 7.14%	28
Total #	30	46	27	10	11	124

Knowledge-Based Question						
Survey Period	Condoms Called "Natural Skins" Are Not Recommended Because They Don't Prevent HIV And Other STDs.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	10 10.53%	18 18.95%	28 29.47%	15 15.79%	24 25.26%	95
12-Month	2 7.14%	2 7.14%	7 25.00%	5 17.86%	12 42.86%	28
Total #	12	20	35	20	36	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	With Safer-Sexual Activities, There Is The Possibility That Fluids Can Be Exchanged.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	38 39.58%	30 31.25%	9 9.38%	9 9.38%	10 10.42%	96
12-Month	14 50.00%	6 21.43%	5 17.86%	1 3.57%	2 7.14%	28
Total #	52	36	14	10	12	124

Knowledge-Based Question						
Survey Period	Some STDs Can Be Transmitted By Exposure To Open Sores When Kissing.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	58 61.05%	27 28.42%	5 5.26%	3 3.16%	2 2.11%	95
12-Month	15 53.57%	9 32.14%	1 3.57%	0 0.00%	3 10.71%	28
Total #	73	36	6	3	5	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	STDs Can Be Transmitted Through Ear Piercing, If Sterile Needles Are Not Used.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	58 60.42%	23 23.96%	5 5.21%	3 3.13%	7 7.29%	96
12-Month	18 66.67%	6 22.22%	1 3.70%	0 0.00%	2 7.41%	27
Total #	76	29	6	3	9	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	The Vagina/Cervix Is Covered By Thin Cells And Makes Women More Susceptible To Be Infected.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	23 24.47%	25 26.60%	34 36.17%	5 5.32%	7 7.45%	94
12-Month	12 42.86%	8 28.57%	5 17.86%	3 10.71%	0 0.00%	28
Total #	35	33	39	8	7	122
Frequency Missing = 2						

Knowledge-Based Question						
Survey Period	Using Condoms Gives A Woman Complete Protection Against STDs.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	4 4.26%	13 13.83%	7 7.45%	22 23.40%	48 51.06%	94
12-month	1 3.57%	1 3.57%	3 10.71%	4 14.29%	19 67.86%	28
Total #	5	14	10	26	67	122
Frequency Missing = 2						

Knowledge-Based Question						
Survey Period	HIV Can Be Transmitted Through 'Dry Kissing'.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	3 3.13%	8 8.33%	19 19.79%	21 21.88%	45 46.88%	96
12-Month	4 14.29%	2 7.14%	4 14.29%	9 32.14%	9 32.14%	28
Total #	7	10	23	30	54	124

Knowledge-Based Question						
Survey Period	Condoms Used With Lubricants Is The Best Method For Preventing STDs.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	2 2.08%	7 7.29%	28 29.17%	19 19.79%	40 41.67%	96
12-Month	2 7.14%	2 7.14%	6 21.43%	5 17.86%	13 46.43%	28
Total #	4	9	34	24	53	124

Knowledge-Based Question						
Survey Period	Women With HIV Can Give It To Their Babies Through Their Breast Milk.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	34 35.42%	29 30.21%	24 25.00%	4 4.17%	5 5.21%	96
12-Month	16 57.14%	3 10.71%	4 14.29%	2 7.14%	3 10.71%	28
Total #	50	32	28	6	8	124

Knowledge-Based Question						
Survey Period	Withdrawal Of The Penis Before Ejaculation Prevents STDs.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	3 3.13%	6 6.25%	14 14.58%	13 13.54%	60 62.50%	96
12-Month	3 10.71%	1 3.57%	1 3.57%	0 0.00%	23 82.14%	28
Total #	6	7	15	13	83	124

Knowledge-Based Question						
Survey Period	Having An HIV Test Done 2 Weeks After Sex Can Tell Whether Or Not You Have HIV.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	15 15.63%	12 12.50%	38 39.58%	13 13.54%	18 18.75%	96
12-Month	3 10.71%	2 7.14%	8 28.57%	7 25.00%	8 28.57%	28
Total #	18	14	46	20	26	124

Knowledge-Based Question						
Survey Period	STDs Can Be Passed From Woman To Baby During Birth, Even If She Has No Symptoms.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	44 45.83%	27 28.13%	17 17.71%	2 2.08%	6 6.25%	96
12-Month	17 60.71%	7 25.00%	3 10.71%	1 3.57%	0 0.00%	28
Total #	61	34	20	3	6	124

Knowledge-Based Question						
Survey Period	A Person Can Be Infected With HIV For Five/More Years Without Developing AIDS.					
	Strongly Agree	Agree Somewhat	Neutral	Strongly Disagree	Total	
Baseline	33 34.38%	25 26.04%	33 34.38%	5 5.21%	96	
12-Month	18 64.29%	5 17.86%	4 14.29%	1 3.57%	28	
Total #	51	30	37	6	124	

Knowledge-Based Question						
Survey Period	A Woman With An STD Always Has Symptoms.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	4 4.21%	7 7.37%	16 16.84%	13 13.68%	55 57.89%	95
12-Month	2 7.14%	2 7.14%	1 3.57%	4 14.29%	19 67.86%	28
Total #	6	9	17	17	74	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	The Human Papillomavirus (Warts) Can Lead To Cervical Cancer.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	38 40.00%	23 24.21%	31 32.63%	1 1.05%	2 2.11%	95
12-Month	20 71.43%	2 7.14%	5 17.86%	0 0.00%	1 3.57%	28
Total #	58	25	36	1	3	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	If Woman's Tubes Are Blocked From Scars, Her Eggs Can Get Stuck Causing An Ectopic Pregnancy.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	27 28.13%	26 27.08%	39 40.63%	3 3.13%	1 1.04%	96
12-Month	17 60.71%	7 25.00%	2 7.14%	2 7.14%	0 0.00%	28
Total #	44	33	41	5	1	124

Knowledge-Based Question						
Survey Period	The Female Condom Is A Pouch With Internal And External Rings.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	29 30.53%	28 29.47%	32 33.68%	5 5.26%	1 1.05%	95
12-Month	14 51.85%	9 33.33%	2 7.41%	2 7.41%	0 0.00%	27
Total #	43	37	34	7	1	122
Frequency Missing = 2						

Knowledge-Based Question						
Survey Period	Women With Particular STDs May Have Rashes/Lumps Around Vagina/Anus/Mouth.					
	Strongly Agree	Agree Somewhat	Neutral	Strongly Disagree	Total	
Baseline	49 51.04%	30 31.25%	15 15.63%	2 2.08%	96	
12-Month	21 75.00%	5 17.86%	1 3.57%	1 3.57%	28	
Total #	70	35	16	3	124	

Knowledge-Based Question						
Survey Period	PID Is An Infection Of The Uterus, Ovaries, And Fallopian Tubes.					
	Strongly Agree	Agree Somewhat	Neutral	Strongly Disagree	Total	
Baseline	19 20.21%	28 29.79%	45 47.87%	2 2.13%	94	
12-Month	14 50.00%	10 35.71%	2 7.14%	2 7.14%	28	
Total #	33	38	47	4	122	
Frequency Missing = 2						

Knowledge-Based Question						
Survey Period	Viral STDs Can Be Treated To Make Some Of The Symptoms Improve, But There Are No Cures.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	38 39.58%	20 20.83%	27 28.13%	7 7.29%	4 4.17%	96
12-Month	21 75.00%	3 10.71%	1 3.57%	2 7.14%	1 3.57%	28
Total #	59	23	28	9	5	124

Knowledge-Based Question						
Survey Period	If A Woman Has Scarring/Blockage In Her Tubes, She May Become Sterile.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	33 34.74%	21 22.11%	37 38.95%	2 2.11%	2 2.11%	95
12-Month	15 53.57%	8 28.57%	3 10.71%	1 3.57%	1 3.57%	28
Total #	48	29	40	3	3	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	Some STDs Can Harm The Brains Of Unborn Babies, Causing Mental Retardation.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	22 23.40%	27 28.72%	32 34.04%	11 11.70%	2 2.13%	94
12-Month	12 46.15%	5 19.23%	6 23.08%	2 7.69%	1 3.85%	26
Total #	34	32	38	13	3	120
Frequency Missing = 4						

Knowledge-Based Question						
Survey Period	Some STDs Cannot Be Cured With Antibiotics.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	11 11.58%	17 17.89%	31 32.63%	14 14.74%	22 23.16%	95
12-Month	6 21.43%	3 10.71%	8 28.57%	6 21.43%	5 17.86%	28
Total #	17	20	39	20	27	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	Chronic/Recurrent Yeast Infections Are Signs Of HIV.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	8 8.60%	20 21.51%	56 60.22%	6 6.45%	3 3.23%	93
12-Month	5 17.86%	6 21.43%	14 50.00%	1 3.57%	2 7.14%	28
Total #	13	26	70	7	5	121
Frequency Missing = 3						

Knowledge-Based Question						
Survey Period	Sperm Can Live Up To 72 Hours Once Inside A Woman’s Reproductive Tract.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	35 36.84%	25 26.32%	29 30.53%	3 3.16%	3 3.16%	95
12-Month	16 57.14%	8 28.57%	3 10.71%	0 0.00%	1 3.57%	28
Total #	51	33	32	3	4	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	Birth Control Pills Are 99% Effective If Taken Correctly.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	49 51.58%	23 24.21%	14 14.74%	7 7.37%	2 2.11%	95
12-Month	22 78.57%	2 7.14%	1 3.57%	1 3.57%	2 7.14%	28
Total #	71	25	15	8	4	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	Depo-Provera Is Birth Control That Consists Of A Hormone Injected Every 3 Months.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	39 40.63%	12 12.50%	38 39.58%	4 4.17%	3 3.13%	96
12-Month	21 75.00%	5 17.86%	1 3.57%	0 0.00%	1 3.57%	28
Total #	60	17	39	4	4	124

Knowledge-Based Question						
Survey Period	The Implanon Method Of Birth Control Is Effective For Only A Year.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	6 6.25%	6 6.25%	73 76.04%	4 4.17%	7 7.29%	96
12-Month	5 17.86%	4 14.29%	15 53.57%	1 3.57%	3 10.71%	28
Total #	11	10	88	5	10	124



Knowledge-Based Question						
Survey Period	Withdrawal Of The Penis Before Ejaculation Is Effective To Prevent Pregnancy.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	8 8.42%	13 13.68%	9 9.47%	25 26.32%	40 42.11%	95
12-Month	3 10.71%	4 14.29%	1 3.57%	6 21.43%	14 50.00%	28
Total #	11	17	10	31	54	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	A 12-Ounce Beer/4-5 Ounce Wine/1-2ounce Shot All Have The Same Amount Of Alcohol.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	34 35.79%	17 17.89%	35 36.84%	1 1.05%	8 8.42%	95
12-Month	12 42.86%	5 17.86%	9 32.14%	1 3.57%	1 3.57%	28
Total #	46	22	44	2	9	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	A Person Who Is Dehydrated Can Become Drunk Easier Than A Person Who Has Had Lots Of Fluids.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	46 48.42%	21 22.11%	18 18.95%	7 7.37%	3 3.16%	95
12-Month	16 57.14%	8 28.57%	3 10.71%	0 0.00%	1 3.57%	28
Total #	62	29	21	7	4	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	Alcohol Has The Same Effects On A Woman And A Man Who Weigh The Same And Drink Same Amount.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	6 6.32%	10 10.53%	23 24.21%	23 24.21%	33 34.74%	95
12-Month	2 7.14%	0 0.00%	5 17.86%	5 17.86%	16 57.14%	28
Total #	8	10	28	28	49	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	A Hungry Person Will Become Drunk Easier Than A Person Who Just Had A Full Meal.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	48 50.53%	28 29.47%	12 12.63%	5 5.26%	2 2.11%	95
12-Month	19 67.86%	5 17.86%	3 10.71%	0 0.00%	1 3.57%	28
Total #	67	33	15	5	3	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	A Woman’s Menstrual Cycle Influences How Alcohol Affects Her.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	12 12.63%	21 22.11%	45 47.37%	6 6.32%	11 11.58%	95
12-Month	8 28.57%	1 3.57%	13 46.43%	4 14.29%	2 7.14%	28
Total #	20	22	58	10	13	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	How Effective Are Birth-Control Pills In Preventing Pregnancy?					
	Very Effective	Somewhat Effective	Neutral	Somewhat Ineffective	Totally Ineffective	Total
Baseline	28 29.79%	53 56.38%	5 5.32%	8 8.51%	0 0.00%	94
12-Month	18 64.29%	8 28.57%	2 7.14%	0 0.00%	0 0.00%	28
Total #	46	61	7	8	0	122
Frequency Missing = 2						

Knowledge-Based Question						
Survey Period	How Effective Are Birth-Control Pills In Preventing STDs?					
	Very Effective	Somewhat Effective	Neutral	Somewhat Ineffective	Totally Ineffective	Total
Baseline	1 1.05%	10 10.53%	12 12.63%	9 9.47%	63 66.32%	95
12-Month	0 0.00%	1 3.57%	4 14.29%	2 7.14%	21 75.00%	28
Total #	1	11	16	11	84	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	How Effective Is The Depo-Provera In Preventing Pregnancy?					
	Very Effective	Somewhat Effective	Neutral	Somewhat Ineffective	Totally Ineffective	Total
Baseline	21 22.11%	34 35.79%	32 33.68%	5 5.26%	2 2.11%	95
12-Month	9 32.14%	14 50.00%	5 17.86%	0 0.00%	0 0.00%	28
Total #	30	48	37	5	2	123
Frequency Missing = 1						

Knowledge-Based Question						
Survey Period	How Effective Is The Depo-Provera In Preventing STDs?					
	Somewhat Effective	Neutral	Somewhat Ineffective	Totally Ineffective	Total	
Baseline	5 5.26%	38 40.00%	5 5.26%	47 49.47%	95	
12-Month	2 7.14%	5 17.86%	2 7.14%	19 67.86%	28	
Total #	7	43	7	66	123	
Frequency Missing = 1						

<b>Knowledge-Based Question</b>						
<b>Survey Period</b>	<b>How Effective Is Implanon In Preventing Pregnancy?</b>					
	<b>Very Effective</b>	<b>Somewhat Effective</b>	<b>Neutral</b>	<b>Somewhat Ineffective</b>	<b>Totally Ineffective</b>	<b>Total</b>
<b>Baseline</b>	11 11.58%	21 22.11%	55 57.89%	6 6.32%	2 2.11%	95
<b>12-Month</b>	9 32.14%	12 42.86%	6 21.43%	0 0.00%	1 3.57%	28
<b>Total #</b>	20	33	61	6	3	123
<b>Frequency Missing = 1</b>						

<b>Knowledge-Based Question</b>					
<b>Survey Period</b>	<b>How Effective Is Implanon In Preventing STDs?</b>				
	<b>Somewhat Effective</b>	<b>Neutral</b>	<b>Somewhat Ineffective</b>	<b>Totally Ineffective</b>	<b>Total</b>
<b>Baseline</b>	5 5.26%	50 52.63%	8 8.42%	32 33.68%	95
<b>12-Month</b>	2 7.14%	4 14.29%	2 7.14%	20 71.43%	28
<b>Total #</b>	7	54	10	52	123
<b>Frequency Missing = 1</b>					

<b>Knowledge-Based Question</b>						
<b>Survey Period</b>	<b>How Effective Is Withdrawal Before Ejaculation In Preventing STDs?</b>					
	<b>Very Effective</b>	<b>Somewhat Effective</b>	<b>Neutral</b>	<b>Somewhat Ineffective</b>	<b>Totally Ineffective</b>	<b>Total</b>
<b>Baseline</b>	3 3.13%	10 10.42%	12 12.50%	21 21.88%	50 52.08%	96
<b>12-Month</b>	1 3.70%	4 14.81%	3 11.11%	5 18.52%	14 51.85%	27
<b>Total #</b>	4	14	15	26	64	123
<b>Frequency Missing = 1</b>						

APPENDIX B: REPORTED BEHAVIORS

Reported Behaviors							
Survey Period	In General, How Often Do You Use Birth Control To Prevent Pregnancy?						Total
	Always	Usually	Sometimes	Almost Never	Never	Does not apply	
Baseline	45 49.45%	8 8.79%	12 13.19%	3 3.30%	10 10.99%	12 13.19%	91
4-Month	0 .	0 .	0 .	0 .	0 .	0 .	0
12-Month	10 38.46%	5 19.23%	2 7.69%	1 3.85%	3 11.54%	5 19.23%	26
<b>Total</b>	55	13	14	4	13	17	117
Frequency Missing = 56							

Reported Behaviors							
Survey Period	In General, How Often Do You Use A Condom When You Have Sex?						Total
	Always	More than half the time	About half the time	Less than half the time	Never	Does not apply	
Baseline	0 .	0 .	0 .	0 .	0 .	0 .	0
4-Month	11 28.95%	7 18.42%	2 5.26%	6 15.79%	12 31.58%	0 0.00%	38
12-Month	4 15.38%	2 7.69%	3 11.54%	6 23.08%	6 23.08%	5 19.23%	26
<b>Total</b>	15	9	5	12	18	5	64
Frequency Missing = 109							

Reported Behaviors				
Survey Period	Have You Had Sex In The Last 3 Months?			Total
	Yes	No	N/A Never had sex	
Baseline	62 64.58%	34 35.42%	0 0.00%	96
4-Month	37 75.51%	2 4.08%	10 20.41%	49
12-Month	21 77.78%	1 3.70%	5 18.52%	27
<b>Total</b>	120	37	15	172
Frequency Missing = 1				

Reported Behaviors							
Survey Period	I Have Used Birth Control To Prevent Pregnancy In The Last 3 Months:						Total
	Always	Usually	Sometimes	Almost Never	Never	Does not apply	
Baseline	39 45.35%	5 5.81%	4 4.65%	1 1.16%	17 19.77%	20 23.26%	86
4-Month	25 51.02%	7 14.29%	1 2.04%	0 0.00%	7 14.29%	9 18.37%	49
12-Month	0 .	0 .	0 .	0 .	0 .	0 .	0
<b>Total</b>	64	12	5	1	24	29	135
Frequency Missing = 38							

Reported Behaviors							
Survey Period	How Often Did You Use A Condom When Having Sex In The Past 3 Months?						Total
	Always	Usually	Sometimes	Almost Never	Never	Does not apply	
Baseline	14 15.22%	8 8.70%	6 6.52%	12 13.04%	24 26.09%	28 30.43%	92
4-Month	0 .	0 .	0 .	0 .	0 .	0 .	0
12-Month	0 .	0 .	0 .	0 .	0 .	0 .	0
Total	14	8	6	12	24	28	92
Frequency Missing = 81							

Reported Behaviors					
Survey Period	In The Past 3 Months Or Since The Program, Have You Talked To Your Partner About Using Birth Control To Prevent Pregnancy?				Total
	Yes, All	Yes, Some	No, None	Does not apply	
Baseline	45 51.72%	14 16.09%	7 8.05%	21 24.14%	87
4-Month	26 55.32%	4 8.51%	5 10.64%	12 25.53%	47
12-Month	15 55.56%	2 7.41%	4 14.81%	6 22.22%	27
Total	86	20	16	39	161
Frequency Missing = 12					

Reported Behaviors					
Survey Period	In The Past 3 Months Or Since The Program, Have You Talked To Your Partners About Using A Condom During Sex?				Total
	Yes, All	Yes, Some	No, None	Does not apply	
Baseline	38 43.68%	10 11.49%	17 19.54%	22 25.29%	87
4-Month	23 48.94%	1 2.13%	12 25.53%	11 23.40%	47
12-Month	12 44.44%	3 11.11%	6 22.22%	6 22.22%	27
Total	73	14	35	39	161
Frequency Missing = 12					

Reported Behaviors					
Survey Period	In The Past 3 Months Or Since The Program, Have You Bought Condoms When You Needed Them?				Total
	Yes, Always	Yes, Sometimes	No, Never	Does not apply	
Baseline	17 19.54%	15 17.24%	33 37.93%	22 25.29%	87
4-Month	22 45.83%	0 0.00%	15 31.25%	11 22.92%	48
12-Month	4 14.81%	6 22.22%	11 40.74%	6 22.22%	27
Total	43	21	59	39	162
Frequency Missing = 11					

Reported Behaviors				
Survey Period	Have You Visited A Clinic/Healthcare Provider To Help You Choose The Right Type Of Birth Control?			
	Yes	No	Does not apply	Total
Baseline	22 25.58%	44 51.16%	20 23.26%	86
4-Month	8 38.10%	9 42.86%	4 19.05%	21
12-Month	9 33.33%	12 44.44%	6 22.22%	27
Total	39	65	30	134
Frequency Missing = 39				

Reported Behaviors				
Survey Period	Have You Gone To A Clinic/Healthcare Provider To Get Checked For An STD, Even If No Symptoms Were Present?			
	Yes	No	Does not apply	Total
Baseline	19 22.09%	45 52.33%	22 25.58%	86
4-Month	0 .	0 .	0 .	0
12-Month	15 55.56%	6 22.22%	6 22.22%	27
Total	34	51	28	113
Frequency Missing = 60				

Reported Behaviors							
Survey Period	How Many Times Have You Had Sex After Drinking Alcohol?						
	None	Once	2-3 times	4 or more	Always	Does not apply	Total
Baseline	35 38.04%	8 8.70%	12 13.04%	8 8.70%	2 2.17%	27 29.35%	92
4-Month	27 55.10%	7 14.29%	9 18.37%	6 12.24%	0 0.00%	0 0.00%	49
12-Month	16 59.26%	2 7.41%	6 22.22%	3 11.11%	0 0.00%	0 0.00%	27
Total	78	17	27	17	2	27	168
Frequency Missing = 5							

Reported Behaviors						
Survey Period	How Often Do You Use Alcohol?					
	Never	A Few Times	A Few Times Month	Once or Twice A Week	Everyday	Total
Baseline	43 45.26%	26 27.37%	10 10.53%	14 14.74%	2 2.11%	95
4-Month	21 42.86%	20 40.82%	0 0.00%	8 16.33%	0 0.00%	49
12-Month	12 44.44%	6 22.22%	4 14.81%	4 14.81%	1 3.70%	27
Total	76	52	14	26	3	171
Frequency Missing = 2						

Reported Behaviors						
Survey Period	How Often Do You Use Drugs?					
	Never	A Few Times	A Few Times Month	Once or Twice A Week	Everyday	Total
Baseline	76 80.00%	9 9.47%	2 2.11%	2 2.11%	6 6.32%	95
4-Month	0 .	0 .	0 .	0 .	0 .	0
12-Month	0 .	0 .	0 .	0 .	0 .	0
Total	76	9	2	2	6	95
Frequency Missing = 78						

Reported Behaviors						
Survey Period	When You Drank, How Often Did You Have 5 Or 6 Drinks?					
	Nearly Every Time	More than Half the Time	Less than Half of the Time	Once in a While	Never	Total
Baseline	6 6.32%	11 11.58%	3 3.16%	19 20.00%	56 58.95%	95
4-Month	2 4.26%	3 6.38%	5 10.64%	7 14.89%	30 63.83%	47
12-Month	3 11.11%	1 3.70%	2 7.415	3 11.11%	18 66.67%	27
Total	11	15	10	29	104	169
Frequency Missing = 4						

Reported Behaviors						
Survey Period	When You Drank, How Often Did You Have 1 Or 2 Drinks?					
	Nearly Every Time	More than Half the Time	Less than Half of the Time	Once in a While	Never	Total
Baseline	19 20.00%	13 13.68%	4 4.21%	21 22.11%	38 40.00%	95
4-Month	17 34.69%	2 4.08%	1 2.04%	9 18.37%	20 40.82%	49
12-Month	8 29.63%	2 7.41%	1 3.70%	4 14.81%	12 44.44%	27
Total	44	17	6	34	70	171
Frequency Missing = 2						

Reported Behaviors						
Survey Period	When You Drank, How Often Did You Have 3 Or 4 Drinks?					
	Nearly Every Time	More than Half the Time	Less than Half of the Time	Once in a While	Never	Total
Baseline	0 .	0 .	0 .	0 .	0 .	0
4-Month	3 6.12%	4 8.16%	8 16.33%	8 16.33%	26 53.06%	49
12-Month	3 11.54%	1 3.85%	4 15.38%	4 15.38%	14 53.85%	26
Total	6	5	12	12	40	75
Frequency Missing = 98						

Reported Behaviors					
Survey Period	In The Last Month, When You Drank, How Often Did You Have 5 Or 6 Drinks?				
	Nearly Every Time	Less than Half of the Time	Once in a While	Never	Total
Baseline	0	0	0	0	0
	.	.	.	.	
4-Month	0	0	0	0	0
	.	.	.	.	
12-Month	3 11.11%	3 11.11%	1 3.70%	20 74.07%	27
Total	3	3	1	20	27
Frequency Missing = 146					

Reported Behaviors						
Survey Period	In The Last Month, When You Drank, How Often Did You Have 1 Or 2 Drinks?					
	Nearly Every Time	More than Half the Time	Less than Half of the Time	Once in a While	Never	Total
Baseline	0	0	0	0	0	0
	.	.	.	.	.	
4-Month	0	0	0	0	0	0
	.	.	.	.	.	
12-Month	7 25.93%	1 3.70%	1 3.70%	6 22.22%	12 44.44%	27
Total	7	1	1	6	12	27
Frequency Missing = 146						

Reported Behaviors						
Survey Period	In The Last Month, When You Drank, How Often Did You Have 3 Or 4 Drinks?					
	Nearly Every Time	More than Half the Time	Less than Half of the Time	Once in a While	Never	Total
Baseline	0	0	0	0	0	0
	.	.	.	.	.	
4-Month	0	0	0	0	0	0
	.	.	.	.	.	
12-Month	2 7.41%	4 14.81%	1 3.70%	4 14.81%	16 59.26%	27
Total	2	4	1	4	16	27
Frequency Missing = 146						

Reported Behaviors					
Survey Period	Have You Had Oral Sex?				
	Yes, Used no barrier	Yes, Used barrier	No ,No oral sex during this time	No, Never	Total
Baseline	0	0	0	0	0
	.	.	.	.	
4-Month	27 55.10%	1 2.04%	9 18.37%	12 24.49%	49
	.	.	.	.	
12-Month	0	0	0	0	0
	.	.	.	.	
Total	27	1	9	12	49
Frequency Missing = 124					



Reported Behaviors			
Survey Period	Did You Use Birth Control When You Last Had Sex?		
	Method Specified	Does Not Apply	Total
Baseline	78 81.25%	18 18.75%	96
4-Month	37 75.51%	12 24.49%	49
12-Month	22 78.57%	6 21.43%	28
<b>Total</b>	137	36	173

Reported Behaviors			
Survey Period	I Use No Method Of Protection When I Have Sex.		
	Not Selected	No Method Used	Total
Baseline	86 89.58%	10 10.42%	96
4-Month	45 91.84%	4 8.16%	49
12-Month	25 89.29%	3 10.71%	28
<b>Total</b>	156	17	173

Reported Behaviors			
Survey Period	I Use The Pill.		
	Not Selected	Yes	Total
Baseline	65 67.71%	31 32.29%	96
4-Month	33 67.35%	16 32.65%	49
12-Month	19 67.86%	9 32.14%	28
<b>Total</b>	117	56	173

Reported Behaviors			
Survey Period	I Use Depo-Provera Or Implanon.		
	Not Selected	Yes	Total
Baseline	83 86.46%	13 13.54%	96
4-Month	44 89.80%	5 10.20%	49
12-Month	27 96.43%	1 3.57%	28
<b>Total</b>	154	19	173

Reported Behaviors			
Survey Period	I Use Condoms With Spermicide When I Have Sex.		
	Not Selected	Yes	Total
Baseline	84 87.50%	12 12.50%	96
4-Month	0 .	0 .	0
12-Month	24 85.71%	4 14.29%	28
<b>Total</b>	108	16	124
<b>Frequency Missing = 49</b>			

Reported Behaviors			
Survey Period	I Use Only Condoms When I Have Sex.		
	Not Selected	Yes	Total
Baseline	60 62.50%	36 37.50%	96
4-Month	31 63.27%	18 36.73%	49
12-Month	21 75.00%	7 25.00%	28
<b>Total</b>	112	61	173

Reported Behaviors			
Survey Period	I Use Only Spermicide When I Have Sex.		
	Not Selected	Yes	Total
Baseline	96 100.00%	0 0.00%	96
4-Month	49 100.00%	0 0.00%	49
12-Month	27 96.43%	1 3.57%	28
<b>Total</b>	172	1	173

Reported Behaviors			
Survey Period	I Use Either The Withdrawal Or The Rhythm Method When I Have Sex.		
	Not Selected	Yes	Total
Baseline	73 76.04%	23 23.96%	96
4-Month	39 79.59%	10 20.41%	49
12-Month	16 57.14%	12 42.86%	28
<b>Total</b>	128	45	173

Reported Behaviors			
Survey Period	In The Past 3 Months Or Since The Program, Did You Not Have Sex In Order To Reduce The Risk Of Pregnancy And STDs?		
	Not Selected	Yes (Did Not Have Sex)	Total
Baseline	63 66.32%	32 33.68%	95
4-Month	35 71.43%	14 28.57%	49
12-Month	22 78.57%	6 21.43%	28
<b>Total</b>	120	52	172
Frequency Missing = 1			

Reported Behaviors			
Survey Period	In The Past 3 Months Or Since The Program, Did You Reduce Your Number Of Partners To Reduce Risk?		
	Not Selected	Yes (Reduced Number)	Total
Baseline	80 84.21%	15 15.79%	95
4-Month	43 87.76%	6 12.24%	49
12-Month	24 85.71%	4 14.29%	28
<b>Total</b>	147	25	172
Frequency Missing = 1			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In The Past 3 Months Or Since The Program, Have You Used Pills Or Hormonal Methods To Reduce Risk?</b>		
	<b>Not Selected</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	54 56.84%	41 43.16%	95
<b>4-Month</b>	30 61.22%	19 38.78%	49
<b>12-Month</b>	18 64.29%	10 35.71%	28
<b>Total</b>	102	70	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In The Past 3 Months Or Since The Program, Have You Used To Condoms To Reduce Your Risk Of Pregnancy And STDs?</b>		
	<b>Not Selected</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	64 67.37%	31 32.63%	95
<b>4-Month</b>	32 65.31%	17 34.69%	49
<b>12-Month</b>	14 50.00%	14 50.00%	28
<b>Total</b>	110	62	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In Order To Reduce Risk, In The Past 3 Months Or Since The Program, Have You Refused To Have Sex If Your Partner Did Not Wear A Condom?</b>		
	<b>Not Selected</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	84 88.42%	11 11.58%	95
<b>4-Month</b>	38 77.55%	11 22.45%	49
<b>12-Month</b>	24 85.71%	4 14.29%	28
<b>Total</b>	146	26	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In Order To Reduce Risk, In The Past 3 Months Or Since The Program, Have You Only Had Sex With A Steady Partner?</b>		
	<b>Not Selected</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	48 50.53%	47 49.47%	95
<b>4-Month</b>	25 51.02%	24 48.98%	49
<b>12-Month</b>	12 42.86%	16 57.14%	28
<b>Total</b>	85	87	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>To Reduce Risk, In The Past 3 Months Or Since The Program, Have You Used Only Spermicide With No Other Form Of Protection?</b>		
	<b>Did Not Select</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	95 100.00%	0 0.00%	95
<b>4-Month</b>	49 100.00%	0 0.00%	49
<b>12-Month</b>	28 100.00%	0 0.00%	28
<b>Total</b>	172	0	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>To Reduce Risk, In The Past 3 Months Or Since The Program, Did You Use The Withdrawal Or Rhythm Method?</b>		
	<b>Did Not Select</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	75 78.95%	20 21.05%	95
<b>4-Month</b>	38 77.55%	11 22.45%	49
<b>12-Month</b>	16 57.14%	12 42.86%	28
<b>Total</b>	129	43	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>To Reduce Risk In The Past 3 Months Or Since The Program, Did You Ask Your Partners About Their Sexual Histories?</b>		
	<b>Did Not Select</b>	<b>Yes (I Asked)</b>	<b>Total</b>
<b>Baseline</b>	85 89.47%	10 10.53%	95
<b>4-Month</b>	42 85.71%	7 14.29%	49
<b>12-Month</b>	23 82.14%	5 17.86%	28
<b>Total</b>	150	22	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>To Reduce Risk, In The Past 3 Months Or Since The Program, Did You Not Have Sex After Drinking Or Doing Drugs?</b>		
	<b>Did Not Select</b>	<b>Yes (Did Not Have Sex)</b>	<b>Total</b>
<b>Baseline</b>	82 86.32%	13 13.68%	95
<b>4-Month</b>	39 79.59%	10 20.41%	49
<b>12-Month</b>	22 78.57%	6 21.43%	28
<b>Total</b>	143	29	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>Have You Said No To Sex In The Past 3 Months Or Since The Program?</b>		
	<b>Did Not Select</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	76 80.00%	19 20.00%	95
<b>4-Month</b>	41 83.67%	8 16.33%	49
<b>12-Month</b>	24 85.71%	4 14.29%	28
<b>Total</b>	141	31	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Period</b>	<b>In The Past 3 Months, Have You Used Another Method (Not Listed) To Reduce My Risk.</b>		
	<b>Did Not Select</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	93 97.89%	2 2.11%	95
<b>4-Month</b>	47 95.92%	2 4.08%	49
<b>12-Month</b>	22 78.57%	6 21.43%	28
<b>Total</b>	162	10	172
<b>Frequency Missing = 1</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In The Past 3 Months, Have You Had More Than One Partner.</b>		
	<b>Did Not Select</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	87 91.58%	8 8.42%	95
<b>4-Month</b>	37 82.22%	8 17.78%	45
<b>12-Month</b>	24 85.71%	4 14.29%	28
<b>Total</b>	148	20	168
<b>Frequency Missing = 5</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In The Past 3 Months Or Since The Program, I Did Not Use Pills Or Hormonal Methods For Birth Control.</b>		
	<b>Did Not Select</b>	<b>Yes (Did Not)</b>	<b>Total</b>
<b>Baseline</b>	79 83.16%	16 16.84%	95
<b>4-Month</b>	39 86.67%	6 13.33%	45
<b>12-Month</b>	22 78.57%	6 21.43%	28
<b>Total</b>	140	28	168
<b>Frequency Missing = 5</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In The Past 3 Months Or Since The Program, I Did Not Use Condoms.</b>		
	<b>Did Not Select</b>	<b>Yes (Did Not)</b>	<b>Total</b>
<b>Baseline</b>	57 60.00%	38 40.00%	95
<b>4-Month</b>	29 64.44%	16 35.56%	45
<b>12-Month</b>	16 57.14%	12 42.86%	28
<b>Total</b>	102	66	168
<b>Frequency Missing = 5</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In The Past 3 Months Or Since The Program, I Only Used The Withdrawal Or Rhythm Method.</b>		
	<b>Did Not Select</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	85 89.47	10 10.53	95
<b>4-Month</b>	43 95.56	2 4.44	45
<b>12-Month</b>	22 78.57	6 21.43	28
<b>Total</b>	150	18	168
<b>Frequency Missing = 5</b>			

<b>Reported Behaviors</b>			
<b>Period</b>	<b>In The Past 3 Months Or Since The Program, I Have Had Sex After Drinking Alcohol Or Using Drugs.</b>		
	<b>Did Not Select</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	79 83.16	16 16.84	95
<b>4-Month</b>	33 73.33	12 26.67	45
<b>12-Month</b>	19 67.86	9 32.14	28
<b>Total</b>	131	37	168
<b>Frequency Missing = 5</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In The Past 3 Months Or Since The Program, I Have Used No Method Of Protection When Having Sex.</b>		
	<b>Did Not Select</b>	<b>Yes (No Method Used)</b>	<b>Total</b>
<b>Baseline</b>	81 85.26%	14 14.74%	95
<b>4-Month</b>	39 86.67%	6 13.33%	45
<b>12-Month</b>	22 78.57%	6 21.43%	28
<b>Total</b>	142	26	168
<b>Frequency Missing = 5</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>In The Past Three Months Or Since The Program, I Have Not Had Sex.</b>		
	<b>Did Not Select</b>	<b>Yes (Have Not Had Sex)</b>	<b>Total</b>
<b>Baseline</b>	67 70.53%	28 29.47%	95
<b>4-Month</b>	33 73.33%	12 26.67%	45
<b>12-Month</b>	22 78.57%	6 21.43%	28
<b>Total</b>	122	46	168
<b>Frequency Missing = 5</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>I Did Not Use A Method Of Protection The Last Time I Had Sex.</b>		
	<b>Did Not Select</b>	<b>Yes (Did Not Use)</b>	<b>Total</b>
<b>Baseline</b>	79 83.16%	16 16.84%	95
<b>4-Month</b>	0	0	0
<b>12-Month</b>	25 89.29%	3 10.71%	28
<b>Total</b>	104	19	123
<b>Frequency Missing = 50</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>Did You Use Pills The Last Time You Had Sex?</b>		
	<b>No</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	69 72.63%	26 27.37%	95
<b>4-Month</b>	0	0	0

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>Did You Only Use Condoms The Last Time You Had Sex?</b>		
	<b>No</b>	<b>Yes</b>	<b>Total</b>
<b>Baseline</b>	60 63.16%	35 36.84%	95
<b>4-Month</b>	0	0	0
<b>12-Month</b>	21 75.00%	7 25.00%	28
<b>Total</b>	81	42	123
<b>Frequency Missing = 50</b>			

<b>Reported Behaviors</b>			
<b>Survey Period</b>	<b>Did You Only Use Spermicide The Last Time You Had Sex?</b>		
	<b>No</b>	<b>Yes</b>	<b>Total</b>
<b>12-Month</b>	21 75.00%	7 25.00%	28
<b>Total</b>	90	33	123
<b>Frequency Missing = 50</b>			

Reported Behaviors			
Survey Period	In The Past Three Months Or Since The Program, I Have Had “Other” Risky Behaviors (Which Were Not Asked About).		
	No	Yes	Total
Baseline	89 93.68%	6 6.32%	95
4-Month	45 100.00%	0 0.00%	45
12-Month	25 89.29%	3 10.71%	28
<b>Total</b>	<b>159</b>	<b>9</b>	<b>168</b>
Frequency Missing = 5			

Reported Behaviors			
Survey Period	Did You Use Depo-Provera/ Implanon The Last Time You Had Sex?		
	No	Yes	Total
Baseline	84 88.42%	11 11.58%	95
4-Month	0 .	0 .	0
12-Month	28 100.00%	0 0.00%	28
<b>Total</b>	<b>112</b>	<b>11</b>	<b>123</b>
Frequency Missing = 50			

Reported Behaviors			
Survey Period	Did You Only Use Spermicide The Last Time You Had Sex?		
	No	Yes	Total
Baseline	95 100.00%	0 0.00%	95
4-Month	0 .	0 .	0
12-Month	27 96.43%	1 3.57%	28
<b>Total</b>	<b>122</b>	<b>1</b>	<b>123</b>
Frequency Missing = 50			

Reported Behaviors			
Survey Period	Did You Only Use The Withdrawal/Rhythm Method The Last Time You Had Sex?		
	No	Yes	Total
Baseline	76 80.00	19 20.00	95
4-Month	0 .	0 .	0
12-Month	17 60.71	11 39.29	28
<b>Total</b>	<b>93</b>	<b>30</b>	<b>123</b>
Frequency Missing = 50			



APPENDIX C: OPINIONS

Opinions						
Survey Period	Talking To My Sexual Partner About Using A Method Of Birth Control Before Having Sex Would Be:					
	Very Good	Somewhat Good	Neutral	Somewhat Bad	Very Bad	Total
Baseline	81 84.38%	9 9.38%	4 4.17%	1 1.04%	1 1.04%	96
12-Month	23 82.14%	4 14.29%	1 3.57%	0 0.00%	0 0.00%	28
Total	104	13	5	1	1	124

Opinions					
Survey Period	Using Birth Control To Prevent Pregnancy Before Sex Would Be:				
	Very Good	Somewhat Good	Neutral	Very Bad	Total
Baseline	87 90.63%	7 7.29%	0 0.00%	2 2.08%	96
12-Month	23 85.19%	1 3.70%	1 3.70%	2 7.41%	27
Total	110	8	1	4	123

Frequency Missing = 1

Opinions				
Survey Period	Talking To My Partner About Using Condoms Before Having Sex Would Be:			
	Very Good	Somewhat Good	Neutral	Total
Baseline	78 81.25%	8 8.33%	10 10.42%	96
12-Month	20 74.07%	4 14.81%	3 11.11%	27
Total	98	12	13	123

Frequency Missing = 1

Opinions						
Survey Period	Getting latex condoms before having sex would be:					
	Very Good	Somewhat Good	Neutral	Somewhat Bad	Very Bad	Total
Baseline	73 76.04%	11 11.46%	11 11.46%	1 1.04%	0 0.00%	96
12-Month	23 85.19%	1 3.70%	2 7.41%	0 0.00%	1 3.70%	27
Total	96	12	13	1	1	123

Frequency Missing = 1

Opinions					
Survey Period	If I Engage In Unsafe Sex, Going To My Health Care Provider Or Another Clinic To Be Checked For STIs Would Be:				
	Very Good	Somewhat Good	Neutral	Somewhat Bad	Total
Baseline	89 92.71%	7 7.29%	0 0.00%	0 0.00%	96
12-Month	26 92.86%	0 0.00%	1 3.57%	1 3.57%	28
Total	115	7	1	1	124

Opinions						
Survey Period	Chances For A Girl In My FOCUS Group To Have An Unplanned Pregnancy In 6 Months After Program Are:					
	No Chance	Very Low Chance	Low Chance	Moderate Chance	High Chance	Total
Baseline	1 1.04%	20 20.83%	38 39.58%	27 28.13%	10 10.42%	96
12-Month	1 3.57%	3 10.71%	8 28.57%	12 42.86%	4 14.29%	28
Total	2	23	46	39	14	124

Opinions						
Survey Period	Chances For A Girl In My FOCUS Group To Get An STD During The First 6 Months After The Program Are:					
	No Chance	Very Low Chance	Low Chance	Moderate Chance	High Chance	Total
Baseline	8 8.33%	32 33.33%	30 31.25%	24 25.00%	2 2.08%	96
12-Month	3 10.71%	2 7.14%	11 39.29%	9 32.14%	3 10.71%	28
Total	11	34	41	33	5	124

**APPENDIX D: PERCEIVED OPINIONS OF FRIENDS**

Perceived Opinions of Friends						
Survey Period	My Friends Think It Is Important For Me To Talk To My Partner About Using Birth Control.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	58 60.42%	19 19.79%	16 16.67%	1 1.04%	2 2.08%	96
12-Month	17 60.71%	2 7.14%	8 28.57%	0 0.00%	1 3.57%	28
Total	75	21	24	1	3	124

Perceived Opinions of Friends						
Survey Period	My Friends Think It Is Important For Me To Go To A Healthcare Provider To Discuss Choosing Birth Control.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	41 42.71%	14 14.58%	26 27.08%	8 8.33%	7 7.29%	96
12-Month	15 53.57%	2 7.14%	9 32.14%	2 7.14%	0 0.00%	28
Total	56	16	35	10	7	124

Perceived Opinions of Friends						
Survey Period	My Friends Think It Is Important For Me To Talk To My Partner About Using Condoms.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	48 50.00%	21 21.88%	21 21.88%	4 4.17%	2 2.08%	96
12-Month	15 55.56%	3 11.11%	8 29.63%	0 0.00%	1 3.70%	27
Total	63	24	29	4	3	123
Frequency Missing = 1						

Perceived Opinions of Friends						
Survey Period	My Friends Think It Is Important For Me To Get Condoms Before Having Sex.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	44 45.83%	22 22.92%	24 25.00%	4 4.17%	2 2.08%	96
12-Month	14 50.00%	5 17.86%	7 25.00%	1 3.57%	1 3.57%	28
Total	58	27	31	5	3	124

Perceived Opinions of Friends						
Survey Period	My Friends Think It Is Important For Me To Use Condoms Consistently And Correctly.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	53 55.21%	14 14.58%	25 26.04%	2 2.08%	2 2.08%	96
12-Month	18 66.67%	1 3.70%	6 22.22%	0 0.00%	2 7.41%	27
Total	71	15	31	2	4	123

APPENDIX E: INTENTIONS FOR FUTURE PRACTICE

Intentions for Future Practice						
Survey Period	I Plan To Talk To My Partner About Using Birth Control Before Sex.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	71 73.96%	14 14.58%	7 7.29%	3 3.13%	1 1.04%	96
12-Month	21 75.00%	5 17.86%	2 7.14%	0 0.00	0 0.00	28
Total	92	19	9	3	1	124

Intentions for Future Practice						
Survey Period	I Plan To Use A Birth Control To Prevent Pregnancy Before Having Sex.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	81 84.38%	6 6.25%	6 6.25%	1 1.04%	2 2.08%	96
12-Month	21 77.78%	1 3.70%	3 11.11%	1 3.70%	1 3.70%	27
Total	102	7	9	2	3	123
Frequency Missing = 1						

Intentions for Future Practice						
Survey Period	I Plan To Talk To Partner About Using A Condom Before Having Sex.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	64 66.67%	13 13.54%	7 7.29%	6 6.25%	6 6.25%	96
12-Month	16 59.26%	7 25.93%	2 7.41%	0 0.00	2 7.41%	27
Total	80	20	9	6	8	123
Frequency Missing = 1						

Intentions for Future Practice						
Survey Period	I Plan To Get Condoms Before Having Sex.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	63 65.63%	16 16.67%	7 7.29%	2 2.08%	8 8.33%	96
12-Month	16 57.14%	4 14.29%	3 10.71%	3 10.71%	2 7.14%	28
Total	79	20	10	5	10	124

Intentions for Future Practice						
Period	I Plan To Use Condom Consistently And Correctly When Having Sex.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	65 68.42%	11 11.58%	6 6.32%	7 7.37%	6 6.32%	95
12-Month	17 60.71%	3 10.71%	3 10.71%	3 10.71%	2 7.14%	28
Total	82	14	9	10	8	123
Frequency Missing = 1						

Intentions for Future Practice						
Survey Period	I Plan To Be Checked For STD Infections If Engaged In Unsafe Sex.					
	Very True	Somewhat True	Neutral	Somewhat Untrue	Very Untrue	Total
Baseline	76 79.17%	14 14.58%	1 1.04%	2 2.08%	3 3.13%	96
12-Month	21 75.00%	5 17.86%	2 7.14%	0 0.00%	0 0.00%	28
Total	97	19	3	2	3	124

APPENDIX F: PERCEPTIONS OF RISK

Perception of Risk						
Survey Period	Compared To Other Typical Girls In Your Class/Group, Would You Say That Your Chance Of Having An Unplanned Pregnancy In The First 6 Months After Participating In The FOCUS Program Is:					
	Much lower	Lower	About same	Higher	Much Higher	Total
Baseline	44 46.32%	30 31.58%	20 21.05%	1 1.05%	0 0.00%	95
12-Month	15 53.57%	6 21.43%	5 17.86%	1 3.57%	1 3.57%	28
Total	59	36	25	2	1	123
Frequency Missing = 1						

Perception of Risk					
Survey Period	With Regard To Your Chances Of Having An Unplanned Pregnancy, Would You Say Your Sexual Behavior Is:				
	Very Safe	Fairly Safe	Somewhat Risky	Very Risky	Total
Baseline	46 47.92%	26 27.08%	16 16.67%	8 8.33%	96
12-Month	15 53.57%	6 21.43%	5 17.86%	2 7.14%	28
Total	61	32	21	10	124

Perception of Risk					
Survey Period	What Do You Think Your Chances Are Of Getting An STI In The First 6 Months After Participating In The FOCUS Program?				
	No Chance	Very Low Chance	Low Chance	Moderate Chance	Total
Baseline	63 65.63%	25 26.04%	7 7.29%	1 1.04%	96
12-Month	15 53.57%	9 32.14%	3 10.71%	1 3.57%	28
Total	78	34	10	2	124

Perception of Risk					
Survey Period	Compared To Other Girls In The FOCUS Program, Would You Say That Your Chance Of Getting An STI During The First 6 Months After The Focus Program Is:				
	Much lower	Lower	About same	Higher	Total
Baseline	53 55.79%	26 27.37%	16 16.84%	0 0.00%	95
12-Month	18 64.29%	7 25.00%	2 7.14%	1 3.57%	28
Total	71	33	18	1	123

Frequency Missing = 1

Perception of Risk					
Survey Period	With Regard To Your Chances Of Getting An STI, Would You Say Your Sexual Behavior Is:				
	Very Safe	Fairly Safe	Somewhat Risky	Very Risky	Total
Baseline	61 63.54%	21 21.88%	9 9.38%	5 5.21%	96
12-Month	21 75.00%	5 17.86%	2 7.14%	0 0.00%	28
Total	82	26	11	5	124

Perception of Risk			
Survey Period	Which Of The Following Fits Your Own Thoughts The Best?		
	Need to use condoms more often	Don't Need to Change	Total
Baseline	38 39.58%	58 60.42%	96
12-Month	7 26.92%	19 73.08%	26
Total	45	77	122

Frequency Missing = 2

Perception of Risk			
Survey Period	Which Of The Following Fits Your Own Thoughts The Best?		
	Need to be more careful about who becomes my sexual partner	Don't need to change	Total
Baseline	20 20.83%	76 79.17%	96
12-Month	3 12.50%	21 87.50%	24
Total	23	97	120

Frequency Missing = 4

**APPENDIX G: ATTITUDES REGARDING CONDOM USE**

Attitudes Regarding Condom Use						
Survey Period	I Don't Like Sex With Condoms.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	24 25.00%	20 20.83%	22 22.92%	11 11.46%	19 19.79%	96
12-Month	7 25.00%	6 21.43%	6 21.43%	3 10.71%	6 21.43%	28
Total	31	26	28	14	25	124

Attitudes Regarding Condom Use						
Survey Period	Condoms Decrease The Feeling During Sex.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	15 15.63%	30 31.25%	35 36.46%	8 8.33%	8 8.33%	96
12-Month	6 21.43%	9 32.14%	8 28.57%	2 7.14%	3 10.71%	28
Total	21	39	43	10	11	124

Attitudes Regarding Condom Use						
Survey Period	Having My Partner Put On A Condom Spoils The Mood.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	11 11.46%	17 17.71%	28 29.17%	15 15.63%	25 26.04%	96
12-Month	2 7.14%	3 10.71%	11 39.29%	5 17.86%	7 25.00%	28
Total	13	20	39	20	32	124

Attitudes Regarding Condom Use						
Survey Period	I Enjoy Sex More When My Partner Uses Condoms.					
	Strongly Agree	Agree Somewhat	Neutral	Disagree Somewhat	Strongly Disagree	Total
Baseline	11 11.46%	10 10.42%	37 38.54%	24 25.00%	14 14.58%	96
12-Month	3 10.71%	2 7.14%	15 53.57%	4 14.29%	4 14.29%	28
Total	14	12	52	28	18	124

**APPENDIX H: ATTITUDES RELATED TO ALCOHOL USE**

<b>Attitudes Related to Alcohol Use</b>						
<b>Survey Period</b>	<b>I Am More Likely To Have Sex With Someone I Do Not Know Very Well After A Few Drinks.</b>					
	<b>Strongly Agree</b>	<b>Agree Somewhat</b>	<b>Neutral</b>	<b>Disagree Somewhat</b>	<b>Strongly Disagree</b>	<b>Total</b>
<b>Baseline</b>	7 7.29%	16 16.67%	10 10.42%	11 11.46%	52 54.17%	96
<b>12-Month</b>	3 10.71%	4 14.29%	6 21.43%	4 14.29%	11 39.29%	28
<b>Total</b>	10	20	16	15	63	124

<b>Attitudes Related to Alcohol Use</b>						
<b>Survey Period</b>	<b>I Enjoy Sex More After A Few Drinks.</b>					
	<b>Strongly Agree</b>	<b>Agree Somewhat</b>	<b>Neutral</b>	<b>Disagree Somewhat</b>	<b>Strongly Disagree</b>	<b>Total</b>
<b>Baseline</b>	13 13.54%	18 18.75%	20 20.83%	9 9.38%	36 37.50%	96
<b>12-Month</b>	4 14.29%	5 17.86%	11 39.29%	2 7.14%	6 21.43%	28
<b>Total</b>	17	23	31	11	42	124

<b>Attitudes Related to Alcohol Use</b>						
<b>Survey Period</b>	<b>I Am More Likely To Have Sex Without Condoms After A Few Drinks.</b>					
	<b>Strongly Agree</b>	<b>Agree Somewhat</b>	<b>Neutral</b>	<b>Disagree Somewhat</b>	<b>Strongly Disagree</b>	<b>Total</b>
<b>Baseline</b>	9 9.38%	24 25.00%	20 20.83%	12 12.50%	31 32.29%	96
<b>12-Month</b>	3 10.71%	6 21.43%	7 25.00%	3 10.71%	9 32.14%	28
<b>Total</b>	12	30	27	15	40	124

APPENDIX I: PERCEPTION OF COMFORT RELATED TO HEALTH SEEKING BEHAVIORS

Perception of Comfort Related to Health Seeking Behaviors						
Survey Period	How Difficult Is It To Talk To Your Partner About Birth Control Before Having Sex?					
	Very Difficult	Somewhat Difficult	Neutral	Somewhat Easy	Very Easy	Total
Baseline	1 1.04%	10 10.42%	9 9.38%	20 20.83%	56 58.33%	96
12-Month	0 0.00%	5 17.86%	6 21.43%	3 10.71%	14 50.00%	28
Total	1	15	15	23	70	124

Perception of Comfort Related to Health Seeking Behaviors						
Survey Period	How Difficult Would It Be For You To Always Use A Method Of Birth Control To Prevent Pregnancy Before Sex?					
	Very Difficult	Somewhat Difficult	Neutral	Somewhat Easy	Very Easy	Total
Baseline	1 1.04%	9 9.38%	13 13.54%	14 14.58%	59 61.46%	96
12-Month	0 0.00%	3 10.71%	5 17.86%	5 17.86%	15 53.57%	28
Total	1	12	18	19	74	124

Perception of Comfort Related to Health Seeking Behaviors						
Survey Period	How Difficult Would It Be For You To Go To Your Healthcare Provider In The First 6 Months After Attending The FOCUS Program To Discuss Choosing A Method Of Birth Control That Is Right For You?					
	Very Difficult	Somewhat Difficult	Neutral	Somewhat Easy	Very Easy	Total
Baseline	5 5.32%	7 7.45%	22 23.40%	12 12.77%	48 51.06%	94
12-Month	2 7.41%	4 14.81%	4 14.81%	4 14.81%	13 48.15%	27
Total	7	11	26	16	61	121
Frequency Missing = 3						

Perception of Comfort Related to Health Seeking Behaviors						
Survey Period	How Difficult Would It Be For You To Talk To A Sexual Partner About Using A Latex Condom Before Having Sex?					
	Very Difficult	Somewhat Difficult	Neutral	Somewhat Easy	Very Easy	Total
Baseline	0 0.00%	5 5.21%	15 15.63%	15 15.63%	61 63.54%	96
12-Month	1 3.57%	5 17.86%	5 17.86%	5 17.86%	12 42.86%	28
Total	1	10	20	20	73	124

Perception of Comfort Related to Health Seeking Behaviors						
Survey Period	How Difficult Would It Be For You To Go Buy Latex Condoms Or Get Them From Your Healthcare Provider Before Having Sex?					
	Very Difficult	Somewhat Difficult	Neutral	Somewhat Easy	Very Easy	Total
Baseline	2 2.08%	9 9.38%	14 14.58%	18 18.75%	53 55.21%	96
12-Month	0 0.00%	2 7.14%	8 28.57%	3 10.71%	15 53.57%	28
Total	2	11	22	21	68	124



<b>Perception of Comfort Related to Health Seeking Behaviors</b>						
<b>Survey Period</b>	<b>How Difficult Would It Be For You To Use A Latex Condom Consistently And Correctly When Having Sex?</b>					
	<b>Very Difficult</b>	<b>Somewhat Difficult</b>	<b>Neutral</b>	<b>Somewhat Easy</b>	<b>Very Easy</b>	<b>Total</b>
<b>Baseline</b>	2 2.11%	8 8.42%	18 18.95%	17 17.89%	50 52.63%	95
<b>12-Month</b>	2 7.14%	6 21.43%	6 21.43%	1 3.57%	13 46.43%	28
<b>Total</b>	4	14	24	18	63	123
<b>Frequency Missing = 1</b>						

<b>Perception of Comfort Related to Health Seeking Behaviors</b>						
<b>Survey Period</b>	<b>How Difficult Would It Be For You To Go To Your Healthcare Provider To Get Checked For STIs If You Had Sex Without Using Condoms?</b>					
	<b>Very Difficult</b>	<b>Somewhat Difficult</b>	<b>Neutral</b>	<b>Somewhat Easy</b>	<b>Very Easy</b>	<b>Total</b>
<b>Baseline</b>	2 2.11%	18 18.95%	12 12.63%	19 20.00%	44 46.32%	95
<b>12-Month</b>	0 0.00%	4 14.29%	4 14.29%	7 25.00%	13 46.43%	28
<b>Total</b>	2	22	16	26	57	123
<b>Frequency Missing = 1</b>						

**NOTES**