



*Making Proud Choices and Being a Responsible Adult* Program Evaluation  
Five-Year Summary Report Appendices

Prepared for Whitman-Walker Health  
Rachel McLaughlin, MA

Prepared by:  
Shattuck and Associates  
Sandra L. Saperstein, PhD  
Michele D. Sadler, PhD  
Rich Shattuck, MEd

## Table of Contents

Table of Tables .....	2
Appendix A. Detailed data analysis methods.....	4
Appendix B. Implementation Evaluation Tables .....	8
Appendix C. Knowledge, Attitudes, Self-efficacy, and Intentions Tables .....	14
Appendix D. Behavior Tables .....	29

### Table of Tables

Appendix Table A 1. MPC Data Preparation Summary .....	4
Appendix Table A 2. BART Data Preparation Summary .....	4
Appendix Table A 3. MPC Summary of missing data prior to imputation .....	5
Appendix Table A 4. BART Summary of missing data prior to imputation .....	6
Appendix Table A 5. Suetsummary of scale development procedures .....	7
Appendix Table B 1. Program Fidelity .....	8
Appendix Table B 2. Facilitator knowledge.....	8
Appendix Table B 3. Classroom management .....	9
Appendix Table B 4. Session Facilitation.....	10
Appendix Table B 5. Facilitator ratings of student engagement .....	11
Appendix Table B 6. Facilitator ratings of teacher engagement.....	11
Appendix Table B 7. MPC Student satisfaction – Summary Table.....	11
Appendix Table B 8. MPC Student Satisfaction – Frequency distribution .....	11
Appendix Table B 9. BART Student satisfaction – Summary Table.....	12
Appendix Table B 10. BART Student satisfaction – Frequency distribution .....	12
Appendix Table B 11. Teacher satisfaction with MPC and BART .....	12
Appendix Table B 12. Teacher ratings of the facilitators .....	13
Appendix Table C 1. MPC Demographic characteristics .....	14
Appendix Table C 2. BART Demographic characteristics .....	14
Appendix Table C 3. MPC: Descriptive Statistics for Knowledge Items .....	15
Appendix Table C 4. BART: Descriptive Statistics for Knowledge Items .....	15
Appendix Table C 5. MPC: Summary of linear mixed models for knowledge .....	16
Appendix Table C 6. BART: Summary of linear mixed models for knowledge .....	16
Appendix Table C 7. MPC: Descriptive Statistics for Attitudes toward Unprotected Sex.....	17
Appendix Table C 8. BART: Descriptive Statistics for Attitudes toward Unprotected Sex.....	17
Appendix Table C 9. MPC: Summary of linear mixed models for attitudes about unprotected sex.....	18
Appendix Table C 10. BART: Summary of linear mixed models for attitudes about unprotected sex .....	18
Appendix Table C 11. MPC: Descriptive Statistics for Attitudes toward Condoms .....	19
Appendix Table C 12. BART: Descriptive Statistics for Attitudes toward Condoms .....	20
Appendix Table C 13. MPC: Summary of linear mixed models for attitudes about condoms .....	21
Appendix Table C 14. BART: Summary of linear mixed models for attitudes about condoms .....	21
Appendix Table C 15. MPC: Descriptive Statistics for Attitudes toward Pregnancy.....	22
Appendix Table C 16. BART: Descriptive Statistics for Attitudes toward Pregnancy.....	22
Appendix Table C 17. MPC: Descriptive Statistics for Condom Self-Efficacy .....	23
Appendix Table C 18. BART: Descriptive Statistics for Condom Self-Efficacy .....	23
Appendix Table C 19. MPC: Summary of linear mixed models for condom self-efficacy .....	24
Appendix Table C 20. BART: Summary of linear mixed models for condom self-efficacy.....	24
Appendix Table C 21. MPC: Descriptive Statistics for Risky Behavior Refusal Self-efficacy .....	25
Appendix Table C 22. BART: Descriptive Statistics for Risky Behavior Refusal Self-efficacy .....	25
Appendix Table C 23. MPC: Summary of linear mixed models for risky behavior refusal self-efficacy .....	26

Appendix Table C 24. BART: Summary of linear mixed models for risky behavior refusal self-efficacy.....	26
Appendix Table C 25. MPC: Descriptive Statistics for Intentions Related to Safer Sex .....	27
Appendix Table C 26. BART: Descriptive Statistics for Intentions Related to Safer Sex .....	27
Appendix Table C 27. MPC: Summary of linear mixed models for intentions related to safer sex.....	28
Appendix Table C 28. BART: Summary of linear mixed models for intentions related to safer sex.....	28
Appendix Table D 1. MPC: Descriptive Statistics for Sex Behavior Items .....	29
Appendix Table D 2. BART: Descriptive Statistics for Sex Behavior Items .....	30
Appendix Table D 3. MPC: Descriptive Statistics for ATOD Behavior Items .....	31
Appendix Table D 4. BART: Descriptive Statistics for ATOD Behavior Items .....	31
Appendix Table D 5. MPC: Descriptive Statistics for Social Behavior Items .....	32
Appendix Table D 6. BART: Descriptive Statistics for Social Behavior Items .....	32

## Appendix A. Detailed data analysis methods

**Data Preparation.** Data files were cleaned within each year to remove duplicate entries. Data sets were then combined across years. If a duplicate ID existed between years, the earliest entry was retained. For the outcome analysis, cases were retained only if the pretest and posttest confidential IDs could be matched (See Appendix Table A 1 and \*Percent matched = Number Matched/(Number of Unmatched + Number Removed + Number Matched) \* 100 Appendix Table A 2).

**APPENDIX TABLE A 1. MPC DATA PREPARATION SUMMARY**

MPC Data Breakdown	Year 2	Year 3	Years 4-5	Year 5+	Total
Unmatched	141	33	123	67	364
Within Year Duplicates	21	1	11	0	33
Between Year Duplicates	0	0	3	1	4
Removed due to high percentage of missing data	11	1	10	0	22
Number matched	200	108	404	37	749
Percent matched*	56.8	76.1	75.2	35.6	66.0

\*Percent matched = Number Matched/(Number of Unmatched + Number Removed + Number Matched) \* 100

**APPENDIX TABLE A 2. BART DATA PREPARATION SUMMARY**

BART Data Breakdown	Year 1	Year 2	Years 4-5	Year 5+	Total
Unmatched	176	178	46	21	421
Within Year Duplicates	0	2	0	0	2
Between Year Duplicates	0	7	0	0	7
Removed due to high percentage of missing data	31	11	0	0	42
Number matched	112	119	63	35	329
Percent matched*	35.1	38.6	57.8	62.5	41.5

\*Percent matched = Number Matched/(Number of Unmatched + Number Removed + Number Matched) \* 100

Variables were recoded when necessary to ensure adequate cell size and to aid interpretability of results. The following variables were created or recoded as follows:

- Age: Age was dichotomized into two groups:
  - 11-13 year olds and 14-15 year olds for MPC
  - 15 and under and 16-21 for BART
- Race/ethnicity: Race/ethnicity was dichotomized into two groups: African American and All other groups
- Baseline participation in risky behaviors: This variable was operationalized using the question, "Have you ever had sex?" with positive responses considered baseline risky behavior and negative responses considered not participating in baseline risky behavior
- Knowledge: All knowledge responses were recoded as correct or incorrect
- Knowledge and Scale Scores: These were created by averaging the items for each scale after scale analysis (See below)

**Missing Data Analysis.** Missing data were examined in two ways. First, a drop-out analysis was conducted to determine if baseline differences existed between students with matched pretest-posttest data and students with pretest only data using cross-tabs analysis. Cross-tabs with chi-square and Fisher's exact tests of significant were used to determine significant differences. Secondly, the matched pretest-posttest data file was examined to determine patterns of missingness among the pretest and posttest items used in scale scores for the outcome analyses. The tables below summarize the number of cases with complete data and the overall percent of missing

items for each analysis (See Appendix Table A 3 and Appendix Table A 4). For MPC, the range of missingness for variables used in the planned analyses ranged from 5.9% to 12.9% on the pretest and from 4.1% to 18.8% on the posttest. For BART, the range of missingness for variables used in the planned analyses ranged from 5% to 18.2% on the pretest and from 4.3% to 12.6% on the posttest. Because there is always some loss of power when using listwise deletion, the decision was made to impute missing data for all scales, as recommended by Graham.<sup>1</sup> The data were examined to determine the mechanisms of missingness. T-tests and cross-tabs comparing patterns of missing data to non-missing data as well as Little’s Tests for Missing Completely at Random (MCAR) suggested that the data were MCAR or MAR. An examination of the items for each scale showed that there were relatively high percentages of items with data for each planned scale. Therefore, the EM algorithm was used to impute missing item values using the responses from related items. Additionally, the demographic variables were examined via regression analysis to determine whether they were predictors of the scale score. In cases where a significant predictor was found, that predictor was included in the set of items used in the imputation. To account for clustering in schools, the imputation process was completed separately for each school and the data were then recombined into one dataset following the imputation.

**APPENDIX TABLE A 3. MPC SUMMARY OF MISSING DATA PRIOR TO IMPUTATION**

Outcome	Variables for Analysis	Pretest		Posttest	
		Complete cases for analysis n (%)	Cells with Missing Data n (%)	Complete cases for analysis n (%)	Cells with Missing Data n (%)
Knowledge	p_Knowa-e, q_Knowa-e, Race_di, School	654 (87.3)	95 (12.7)	652 (87.1)	97 (13.0)
	p_Knowa-e, q_Knowa-e, Age, School	676 (90.25)	73 (9.8)	676 (90.3)	73 (9.75)
	p_Knowa-e, q_Knowa-e, Gender, School	668 (89.2)	81 (10.8)	668 (89.2)	81 (10.8)
	p_Knowa-e, q_Knowa-e, p_Sex_9, School	663 (88.5)	86 (11.5)	662 (88.4)	87 (11.6)
Attitude toward unprotected sex	p_AttUPSa-c, q_AttUPSa-c, Race_di, School	684 (91.3)	65 (8.7)	696 (92.9)	53 (7.1)
	p_AttUPSa-c, q_AttUPSa-c, Age, School	707 (94.4)	42 (5.6)	719 (96.0)	30 (4.0)
	p_AttUPSa-c, q_AttUPSa-c, Gender, School	699 (93.3)	50 (6.7)	710 (94.8)	39 (5.2)
	p_AttUPSa-c, q_AttUPSa-c, p_Sex_9, School	694 (92.7)	55 (7.3)	706 (94.3)	43 (5.7)
Attitudes toward condoms	p_AttCondoma-f4, q_AttCondoma-f4, Race_di, School	567 (75.7)	182 (24.3)	602 (80.4)	147 (19.6)
	p_AttCondoma-f4, q_AttCondoma-f4, Age, School	585 (78.1)	164 (21.9)	622 (83.0)	127 (17.0)
	p_AttCondoma-f4, q_AttCondoma-f4, Gender, School	580 (77.4)	169 (22.6)	616 (82.2)	133 (17.8)
	p_AttCondoma-f4, q_AttCondoma-f4, p_Sex_9, School	578 (77.2)	171 (22.8)	613 (81.8)	136 (18.2)
Condom Self Efficacy	p_SECondoma-c, q_SECondoma-c, Race_di, School	663 (88.5)	86 (11.5)	693 (92.5)	56 (7.5)
	p_SECondoma-c, q_SECondoma-c, Age, School	687 (91.7)	62 (8.3)	716 (95.6)	33 (4.4)
	p_SECondoma-c, q_SECondoma-c, Gender, School	677 (90.4)	72 (9.6)	708 (94.5)	41 (5.5)
	p_SECondoma-c, q_SECondoma-c, p_Sex_9, School	677 (90.4)	72 (9.6)	703 (93.9)	46 (6.1)
Risky Behavior Refusal Self Efficacy	p_SERiskya-f, q_SERiskya-f, Race_di, School	629 (84.0)	120 (16.0)	671 (89.6)	78 (10.4)
	p_SERiskya-f, q_SERiskya-f, Age, School	648 (86.5)	101 (13.5)	694 (92.7)	55 (7.3)
	p_SERiskya-f, q_SERiskya-f, Gender, School	639 (85.3)	110 (14.7)	688 (91.9)	61 (8.1)
	p_SERiskya-f, q_SERiskya-f, p_Sex_9, School	640 (85.5)	109 (14.6)	681 (90.9)	68 (9.1)
Intentions	p_IntentSexa-c, q_IntentSexa-c, Race_di, School	679 (90.7)	70 (9.3)	680 (90.8)	69 (9.2)
	p_IntentSexa-c, q_IntentSexa-c, Age, School	700 (93.5)	49 (6.5)	702 (93.7)	47 (6.3)

<sup>1</sup> Graham, J.W. (2009). Missing Data Analysis: Making It Work in the Real World. *Annual Review of Psychology*, 60, 549-576.

	p_IntentSexa-c, q_IntentSexa-c, Gender, School	691 (92.3)	58 (7.7)	694 (92.7)	55 (7.3)
	p_IntentSexa-c, q_IntentSexa-c, p_Sex_9, School	686 (91.6)	63 (8.4)	689 (92.0)	60 (8.0)

**APPENDIX TABLE A 4. BART SUMMARY OF MISSING DATA PRIOR TO IMPUTATION**

Outcome	Variables for Analysis	Pretest		Posttest	
		Complete cases for analysis n (%)	Cells with Missing Data n (%)	Complete cases for analysis n (%)	Cells with Missing Data n (%)
Knowledge	p_Knowa-e, q_Knowa-e, Race_di, School	263 (89.5)	31 (10.5)	267 (90.8)	27 (9.2)
	p_Knowa-e, q_Knowa-e, Age_di, School	265 (90.1)	29 (9.9)	271 (92.2)	23 (7.8)
	p_Knowa-e, q_Knowa-e, Gender, School	268 (91.1)	26 (8.8)	273 (92.9)	21 (7.1)
	p_Knowa-e, q_Knowa-e, p_Sex_9, School	258 (87.8)	36 (12.2)	263 (89.5)	31 (10.5)
Attitude toward unprotected sex	p_AttUPSa-c, q_AttUPSa-c, Race_di, School	274 (93.2)	20 (6.8)	275 (93.5)	19 (6.5)
	p_AttUPSa-c, q_AttUPSa-c, Age_di, School	278 (94.6)	16 (5.4)	279 (94.9)	15 (5.1)
	p_AttUPSa-c, q_AttUPSa-c, Gender, School	280 (95.2)	14 (4.8)	281 (95.6)	13 (4.4)
	p_AttUPSa-c, q_AttUPSa-c, p_Sex_9, School	271 (92.2)	23 (7.8)	271 (92.2)	23 (7.8)
Attitudes toward condoms	p_AttCondoma-f4, q_AttCondoma-f4, Race_di, School	242 (82.3)	52 (17.7)	262 (89.1)	32 (10.9)
	p_AttCondoma-f4, q_AttCondoma-f4, Age_di, School	244 (83.0)	50 (17.0)	264 (89.8)	30 (10.2)
	p_AttCondoma-f4, q_AttCondoma-f4, Gender, School	247 (84.0)	47 (16.0)	266 (90.5)	28 (9.5)
	p_AttCondoma-f4, q_AttCondoma-f4, p_Sex_9, School	241 (82.0)	53 (18.0)	258 (87.8)	36 (12.2)
Condom Self Efficacy	p_SECondoma-c, q_SECondoma-c, Race_di, School	268 (91.2)	26 (8.8)	280 (95.2)	14 (4.8)
	p_SECondoma-c, q_SECondoma-c, Age_di, School	272 (92.5)	22 (7.5)	283 (96.3)	11 (3.7)
	p_SECondoma-c, q_SECondoma-c, Gender, School	274 (93.2)	20 (6.8)	286 (97.3)	8 (2.7)
	p_SECondoma-c, q_SECondoma-c, p_Sex_9, School	266 (90.5)	28 (9.5)	276 (93.9)	18 (6.1)
Risky Behavior Refusal Self Efficacy	p_SERiskyd-f, q_SERiskya-f, Race_di, School	261 (88.8)	33 (11.2)	263 (89.5)	31 (10.5)
	p_SERiskyd-f, q_SERiskya-f, Age_di, School	265 (90.1)	29 (9.9)	267 (90.8)	27 (9.2)
	p_SERiskyd-f, q_SERiskya-f, Gender, School	267 (90.8)	27 (9.2)	268 (91.2)	26 (8.8)
	p_SERiskyd-f, q_SERiskya-f, p_Sex_9, School	260 (88.4)	34 (11.6)	260 (88.4)	34 (11.6)
Intentions	p_IntentSexa-c, q_IntentSexa-c, Race_di, School	273 (92.9)	21 (7.1)	269 (91.5)	25 (8.5)
	p_IntentSexa-c, q_IntentSexa-c, Age_di, School	277 (94.2)	17 (5.8)	273 (92.9)	21 (7.1)
	p_IntentSexa-c, q_IntentSexa-c, Gender, School	279 (94.9)	15 (5.1)	275 (93.5)	19 (6.5)
	p_IntentSexa-c, q_IntentSexa-c, p_Sex_9, School	270 (91.8)	24 (8.2)	268 (91.2)	26 (8.8)

**Outcome Variable Scale Development.** The outcome variables included knowledge, attitudes, self-efficacy, and intention. Knowledge items were summed to create an overall knowledge score. No scale development procedures were conducted on the knowledge score based on the recognition that the items reflect the multidimensional nature of the content.

Scale development procedures for items related to attitudes, self-efficacy, and intention were conducted using factor analysis to determine whether the respective items measured a unidimensional construct and internal reliability analysis using Cronbach's alpha (See Appendix Table A 5). According to the factor analysis, all scales except one seemed to measure a single factor. The factor analysis for the Attitudes about Condoms items indicated two factors. Further analysis indicated that the two subscales identified by the factor analysis were

significantly correlated. The decision was made to keep these items together as a single scale, as in past years. Cronbach’s alphas were all .7 or greater, indicating acceptable reliability. Following the scale development procedures, items related to attitudes, self-efficacy, and intentions were averaged to create the scale score for each construct.

**APPENDIX TABLE A 5. SUMMARY OF SCALE DEVELOPMENT PROCEDURES**

Construct	Number of Items	Number of Factors		Cronbach’s Alpha			
		MPC & BART		MPC		BART	
		Pretest	Posttest	Pretest	Posttest	Pretest	Posttest
Knowledge	5	NA	NA	NA	NA	NA	NA
Attitudes toward Unprotected Sex	3	1	1	0.901	0.925	0.933	0.937
Attitudes about Condoms	7	2	2	0.811	0.778	0.776	0.831
Condom Self-Efficacy	3	1	1	0.769	0.762	0.783	0.765
Risky Behavior Refusal Self-Efficacy	3	1	1	0.680	0.731	0.781	0.773
Intentions	3	1	1	0.752	0.773	0.712	0.773

**Data Analysis.** Descriptive analyses (e.g. frequencies, percentages, means) were conducted for all survey items. Cross-tabs with chi-square tests and Fisher’s Exact test were conducted to determine if there were demographic differences between students with matching pretest-posttest data and those who had pretest-only. Linear mixed models were used to determine whether differences existed between pretest and posttest scores for the following dependent variables: knowledge, attitudes toward unprotected sex, attitudes about condoms, condom self-efficacy, risky behavior refusal self-efficacy, and intentions.

The analyses using linear mixed models were conducted in two steps. First, the models were run including time (represented by pretest and posttest scores) as a fixed effect, along with the random effects of students and school, to determine overall change in outcome. The second step included time along with each demographic predictor variable (age, gender, race/ethnicity, attendance, participation in baseline risky behavior) and their interaction with time as fixed factors. The -2LL and the Schwarz’s Bayesian Criterion were used to determine whether model fit improved with the addition of these variables.

## Appendix B. Implementation Evaluation Tables

**APPENDIX TABLE B 1. PROGRAM FIDELITY**

Year 2 MPC Thinking about the activities that were originally designed in the curriculum for TODAY's session...?	Number of Activities							
	0		1		2		3	
	N	%	N	%	N	%	N	%
A. How many activities were SKIPPED entirely?	74	71.8	22	22.3	6	5.8	0	0
B. How many were MODIFIED from the curriculum as it was written?	88	86.2	10	9.8	4	3.9	0	0
Year 3 MPC Thinking about the activities that were originally designed in the curriculum for TODAY's session...?	Number of Activities							
	0		1		2		3	
	N	%	N	%	N	%	N	%
A. How many activities were SKIPPED entirely?	64	75.3	14	16.5	3	3.5	4	4.7
B. How many were MODIFIED from the curriculum as it was written?	76	90.5	8	9.5	0	0	0	0
Year 1 BART Sessions with Reported Modifications							N	%
No activity modifications [this session]							44	46.3
At least one activity modified [this session]							51	53.7
Year 2 BART Thinking about the activities that were originally designed in the curriculum for TODAY's session...?	Number of Activities							
	0		1		2		3	
	N	%	N	%	N	%	N	%
A. How many activities were SKIPPED entirely?	85	55.9	45	29.6	15	9.9	7	4.6
B. How many were MODIFIED from the curriculum as it was written?	108	74.5	27	18.6	5	3.5	5	3.4

**APPENDIX TABLE B 2. FACILITATOR KNOWLEDGE**

Facilitator Knowledge	Emerging (1)	Proficient (2)	Advanced (3)	Exemplary (4)	Not Observed (0)	MEAN
<b>Year 1</b>						
Knowledge of Curriculum & Objectives	1 (20%)	2 (40%)	2 (40%)			2.2
Knowledge of Sexual Health, HIV, and other STIs	1 (20%)	2 (40%)	1 (20%)	1 (20%)		2.4
Knowledge of MTA & Other Community Resources		2 (40%)			3 (60%)	2
<i>Facilitator Knowledge Totals</i>	<i>2 (13%)</i>	<i>6 (40%)</i>	<i>3 (20%)</i>	<i>1 (7%)</i>	<i>3 (20%)</i>	<i>2.25</i>
<b>Year 2</b>						
Knowledge of Curriculum & Objectives	1 (20%)	2 (40%)	2 (40%)			2.2
Knowledge of Sexual Health, HIV, and other STIs	1 (20%)	2 (40%)	2 (40%)			2.2
Knowledge of MTA & Other Community Resources	1 (20%)	1 (20%)	1 (20%)		2 (40%)	2.0
<i>Facilitator Knowledge Totals</i>	<i>3</i>	<i>5</i>	<i>5</i>		<i>2</i>	<i>2.15</i>



	(20%)	(33%)	(33%)		(13%)	
<b>Year 3</b>						
Knowledge of Curriculum & Objectives	0	4 (80%)	1 (20%)	0	0	2.2
Knowledge of Sexual Health, HIV, and other STIs	0	3 (60%)	2 (40%)	0	0	2.4
Knowledge of MTA & Other Community Resources*	0	0	1(20%)	0	3 (60%)	3.0
<i>Facilitator Knowledge Totals</i>	<i>0</i>	<i>7 (47%)</i>	<i>4 (27%)</i>	<i>0</i>	<i>3 (20%)</i>	<i>2.53</i>
<b>Year 4</b>						
Knowledge of Curriculum & Objectives	0	4 (100%)	0	0	0	2.0
Knowledge of Sexual Health, HIV, and other STIs	0	1 (25%)	3 (75%)	0	0	2.8
Knowledge of MTA & Other Community Resources	0	0	0	0	4 (100%)	NA
<i>Facilitator Knowledge Totals</i>	<i>0</i>	<i>5 (42%)</i>	<i>3 (25%)</i>	<i>0</i>	<i>4 (33%)</i>	<i>2.38</i>

**APPENDIX TABLE B 3. CLASSROOM MANAGEMENT**

Classroom Management	Emerging (1)	Proficient (2)	Advanced (3)	Exemplary (4)	Not Observed (0)	MEAN
<b>Year 1</b>						
General Classroom Atmosphere	1 (20%)	2 (40%)	2 (40%)	0	0	2.2
Facilitator Organization	1 (20%)	2 (40%)	2 (40%)	0	0	2.2
Management of Students	2 (40%)	2 (40%)	1 (20%)	0	0	1.8
<i>Classroom Management Totals</i>	<i>4 (26%)</i>	<i>6 (40%)</i>	<i>5 (33%)</i>	<i>0</i>	<i>0</i>	<i>2.07</i>
<b>Year 2</b>						
General Classroom Atmosphere	1 (20%)	3 (60%)	1(20%)	0	0	2.0
Facilitator Organization	3(60%)	1(20%)	1(20%)	0	0	1.6
Management of Students	1(20%)	4(80%)		0	0	1.8
<i>Classroom Management Totals</i>	<i>5 (33%)</i>	<i>8 (53%)</i>	<i>2(13%)</i>	<i>0</i>	<i>0</i>	<i>1.8</i>
<b>Year 3</b>						
General Classroom Atmosphere	0	2 (40%)	2 (40%)	1 (20%)	0	2.8
Facilitator Organization	0	2 (40%)	3 (60%)	0	0	2.6
Management of Students	0	4 (80%)	1 (20%)	0	0	2.2
<i>Classroom Management Totals</i>	<i>0</i>	<i>8 (53%)</i>	<i>6 (40%)</i>	<i>1 (7%)</i>	<i>0</i>	<i>2.53</i>
<b>Year 4</b>						
General Classroom Atmosphere	0	0	1 (25%)	3 (75%)	0	2.8
Facilitator Organization	0	0	4 (100%)	0	0	2.0
Management of Students	0	0	3 (75%)	1 (25%)	0	2.3
<i>Classroom Management Totals</i>	<i>0</i>	<i>0</i>	<i>8 (67%)</i>	<i>4 (33%)</i>	<i>0</i>	<i>2.33</i>

**APPENDIX TABLE B 4. SESSION FACILITATION**

Session Facilitation	Emerging (1)	Proficient (2)	Advanced (3)	Exemplary (4)	Not Observed (0)	MEAN
<b>Year 1</b>						
Facilitator Interaction and Connection with Students	2 (40%)	0	3 (60%)	0	0	2.2
Facilitator Comfort and Appropriateness with Subject Matter	0	2 (40%)	3 (60%)	0	0	2.6
Facilitator Relationship with Classroom Teacher	1 (20%)	3 (60%)	1 (20%)	0	0	2.0
<i>Session Facilitation Totals</i>	<i>3 (20%)</i>	<i>5 (33%)</i>	<i>7 (47%)</i>	<i>0</i>	<i>0</i>	<i>2.27</i>
<b>Year 2</b>						
Facilitator Interaction and Connection with Students	0	3 (60%)	2 (40%)	0	0	2.4
Facilitator Comfort and Appropriateness with Subject Matter	0	1 (20%)	4 (80%)	0	0	2.6
Facilitator Relationship with Classroom Teacher	0	3 (60%)	2 (40%)	0	0	2.4
<i>Session Facilitation Totals</i>	<i>0</i>	<i>7 (47%)</i>	<i>8 (53%)</i>	<i>0</i>	<i>0</i>	<i>2.53</i>
<b>Year 3</b>						
Facilitator Interaction and Connection with Students	0	2 (40%)	2 (40%)	1 (20%)	0	2.8
Facilitator Comfort and Appropriateness with Subject Matter	0	1 (20%)	4 (80%)	0	0	2.8
Facilitator Relationship with Classroom Teacher	0	2 (40%)	0	0	3 (60%)	2.0
<i>Session Facilitation Totals</i>	<i>0</i>	<i>5 (33%)</i>	<i>6 (40%)</i>	<i>1 (7%)</i>	<i>3 (20%)</i>	<i>2.53</i>
<b>Year 4</b>						
Facilitator Interaction and Connection with Students	0	0	1 (25%)	3 (75%)	0	3.8
Facilitator Comfort and Appropriateness with Subject Matter	0	1 (25%)	3 (75%)	0	0	2.8
Facilitator Relationship with Classroom Teacher	0	2 (50%)	2 (50%)	0	0	2.5
<i>Session Facilitation Totals</i>	<i>0</i>	<i>3 (25%)</i>	<i>6 (50%)</i>	<i>3 (25%)</i>	<i>0</i>	<i>2.53</i>

**APPENDIX TABLE B 5. FACILITATOR RATINGS OF STUDENT ENGAGEMENT**

Facilitator ratings of student engagement – Mean scores						
Year	Student engagement		Grasping objectives		Able to complete activities	
	MPC	BART	MPC	BART	MPC	BART
Year 1	-	3.4	-	3.7	-	3.7
Year 2	2.9	2.8	3.0	2.9	3.0	2.9
Year 3	3.8	-	3.9	-	3.9	-

\*Mean scores rated on 1-4 scale from “None” to “Most” of the time

**APPENDIX TABLE B 6. FACILITATOR RATINGS OF TEACHER ENGAGEMENT**

Facilitator ratings of teacher engagement – Mean scores				
Year	Teacher present		Teacher engaged	
	MPC	BART	MPC	BART
Year 1	-	3.9	-	3.6
Year 2	2.9	3.0	2.7	3.8
Year 3	3.8	-	3.2	-

\*Mean scores rated on 1-4 scale from “None” to “Most” of the time

**APPENDIX TABLE B 7. MPC STUDENT SATISFACTION – SUMMARY TABLE**

MPC Summary Table: Feelings about the program	Mean				
	Year 2	Year 3	Year 4	Year 5	Total
I plan to use something I learned in this program to make a healthy decision	3.59	3.64	3.73	3.74	3.68
The activities were interesting	3.25	3.22	3.18	3.33	3.21
The facilitators communicated well with the group.	3.36	3.49	3.44	3.49	3.43
I would recommend the program to a friend.	3.31	3.33	3.21	3.31	3.26

**APPENDIX TABLE B 8. MPC STUDENT SATISFACTION – FREQUENCY DISTRIBUTION**

MPC – Descriptives Feelings about the program	Frequency Distribution – Strongly Disagree/D (SD/D) and Strongly Agree/Agree (SA/A)									
	Year 2		Year 3		Year 4		Year 5		Total	
	N (%)		N (%)		N (%)		N (%)		N (%)	
	SD/D	SA/A	SD/D	SA/A	SD/D	SA/A	SD/D	SA/A	SD/D	SA/A
I plan to use something I learned in this program to make a healthy decision.	7 (3.5)	193 (96.5)	5 (4.7)	102 (95.3)	13 (3.3)	381 (96.7)	2 (5.1)	37 (94.9)	27 (3.6)	713 (96.4)
The activities were interesting.	22 (11.1)	176 (88.9)	10 (9.5)	95 (90.5)	36 (9.1)	358 (90.9)	2 (5.1)	37 (94.9)	70 (9.5)	666 (90.5)
The facilitators communicated well with the group.	16 (8.1)	181 (91.9)	5 (4.9)	98 (95.1)	16 (4.1)	377 (95.9)	3 (7.7)	36 (92.3)	40 (5.5)	692 (94.5)
I would recommend the program to a friend.	22 (11.2)	175 (88.8)	14 (13.3)	91 (86.7)	57 (14.6)	334 (85.4)	6 (15.4)	33 (84.6)	99 (13.5)	633 (86.5)

**APPENDIX TABLE B 9. BART STUDENT SATISFACTION – SUMMARY TABLE**

BART - Feelings about the program	Mean				
	Year 1	Year 2	Year 4	Year 5	Total
I plan to use something I learned in this program to make a healthy decision.	NA	3.58	3.62	3.80	3.63
The activities were interesting.	3.21	3.30	3.38	3.38	3.29
The facilitators communicated well with the group.	3.41	3.37	3.48	3.53	3.42
I would recommend the program to a friend.	3.30	3.40	3.34	3.32	3.35

**APPENDIX TABLE B 10. BART STUDENT SATISFACTION – FREQUENCY DISTRIBUTION**

BART Feelings about the program	Frequency Distribution – Strongly Disagree/D (SD/D) and Strongly Agree/Agree (SA/A)									
	Year 1		Year 2		Year 4		Year 5		Total	
	N (%)		N (%)		N (%)		N (%)		N (%)	
	SD/D	SA/A	SD/D	SA/A	SD/D	SA/A	SD/D	SA/A	SD/D	SA/A
I plan to use something I learned in this program to make a healthy decision.	NA		2 (1.6)	120 (98.4)	3 (4.8)	60 (95.2)	1 (2.9)	34 (97.1)	6 (2.7)	214 (97.3)
The activities were interesting.	10 (9.6)	94 (90.4)	6 (5.0)	115 (95.0)	4 (6.6)	57 (93.4)	1 (2.9)	33 (97.1)	21 (6.6)	299 (93.4)
The facilitators communicated well with the group.	6 (5.7)	100 (94.3)	5 (4.2)	114 (95.8)	3 (5.0)	57 (95.0)	1 (2.9)	33 (97.1)	15 (4.7)	304 (95.3)
I would recommend the program to a friend.	10 (9.9)	91 (90.1)	6 (5.0)	113 (95.0)	5 (8.2)	56 (91.8)	3 (8.8)	31 (91.2)	24 (7.6)	291 (92.4)

**APPENDIX TABLE B 11. TEACHER SATISFACTION WITH MPC AND BART**

Year	Program was valuable addition		I would welcome the program in the future	
	MPC	BART	MPC	BART
Year 1 (n=4)	-	8.5/10 (85%)	-	9.25/10 (92.5%)
Year 2 (n=4)	3.8/4 (95%)	3.3/4 (82.5%)	3.8/4 (95%)	3.4/4 (85%)
Year 3 (n=2)		3/4 (80%)		3/4 (80%)

\*Year 1 was rated on 10-point scale, Years 2-3 used a 4-point scale

**APPENDIX TABLE B 12. TEACHER RATINGS OF THE FACILITATORS**

The facilitators...	MPC Year 2	MPC Year 3	BART Year 1	BART Year 2
	n=10	n = 2	n=4	n=8
A. The facilitators were knowledgeable	3.8	3.0	3.5	3.5
B. The facilitators communicated well with the students	3.7	3.0	3.5	3.1
C. The facilitators effectively managed classroom challenges that arose	3.3	3.0	3.5	2.8
D. The facilitators gave thoughtful responses to questions	not asked	3.0	3.8	3.3
E. The facilitators were respectful of all students during the program	not asked	3.0	3.9	3.6
F. The facilitators had a positive working relationship with the school staff	not asked	3.0	3.9	3.4

## Appendix C. Knowledge, Attitudes, Self-efficacy, and Intentions Tables

This appendix contains detailed data tables for participant demographics as well as for the descriptive analyses and linear mixed models analyses for knowledge, attitudes, self-efficacy, and intention items and scales.

**APPENDIX TABLE C 1. MPC DEMOGRAPHIC CHARACTERISTICS**

Demographic Characteristics	Total	WITHOUT Matched Data	WITH Matched Data	p value
	n (%)	n (%)	n (%)	
<b>Gender (n=1073)</b>				<b>.000*</b>
Female	554 (51.6)	215 (38.8)	339 (61.2)	
Male	519 (48.4)	133 (25.6)	386 (74.4)	
<b>Age (n=1089)</b>				<b>.026*</b>
11-12	479 (44.0)	175 (36.5)	304 (63.5)	
13	400 (36.7)	112 (28.0)	288 (72.0)	
14+	210 (19.3)	67 (31.9)	143 (68.1)	
<b>Race/Ethnicity (n=1040)</b>				<b>.894</b>
African American	907 (87.2)	288 (31.8)	619 (68.2)	
All other groups	133 (12.8)	43 (32.3)	90 (67.7)	
<b>Risky Behavior (n=1032)</b>				<b>.517</b>
Did not engage in risky behavior	851 (82.5)	252 (29.6)	599 (70.4)	
Engaged in risky behavior	181 (17.5)	58 (32.0)	123 (68.0)	

\*Significant differences.

**APPENDIX TABLE C 2. BART DEMOGRAPHIC CHARACTERISTICS**

Demographic Characteristics	Total	WITHOUT Matched Data	WITH Matched Data	p value
	n (%)	n (%)	n (%)	
<b>Gender (n=732)</b>				<b>.603</b>
Female	382 (52.2)	218 (57.1)	164 (42.9)	
Male	350 (47.8)	193 (55.1)	157 (44.9)	
<b>Age (n=738)</b>				<b>.010*</b>
9-15	440 (59.6)	230 (52.3)	210 (47.7)	
16-21	298 (40.4)	185 (62.1)	113 (37.9)	
<b>Race/Ethnicity (n=726)</b>				<b>.042*</b>
African American	504 (69.4)	296 (58.7)	208 (41.3)	
All other groups	222 (30.6)	112 (50.5)	110 (49.5)	
<b>Risky Behavior (n=698)</b>				<b>.129</b>
Did not engage in risky behavior	341 (48.9)	177 (51.9)	164 (48.1)	
Engaged in risky behavior	357 (51.1)	206 (57.7)	151 (42.3)	

\*Significant differences.

APPENDIX TABLE C 3. MPC: DESCRIPTIVE STATISTICS FOR KNOWLEDGE ITEMS

Is the statement True or False?	Pretest		Posttest	
	N	%	N	%
<b>Abstinence is the only contraception method that is 100% effective at preventing pregnancy. (T)</b>				
Incorrect	496	67.9	423	58.1
Correct	235	32.1	305	41.9
<b>Birth control pills protect women from getting HIV. (F)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Incorrect	344	46.7	164	22.2
Correct	392	53.3	576	77.8
<b>There is no cure for AIDS. (T)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Incorrect	418	57.3	227	31.1
Correct	312	42.7	502	68.9
<b>Having a sexually transmitted infection (STI) like gonorrhea or syphilis increases a person's risk of getting HIV. (T)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Incorrect	479	66.1	325	44.6
Correct	246	33.9	403	55.4
<b>Having unprotected oral sex (e.g. without a condom and/or dental dam) increases a person's risk of getting HIV. (T)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Incorrect	276	38.0	194	26.6
Correct	450	62.0	536	73.4
<b>Scale Score Adjusted Mean</b>	<b>X=2.26</b>		<b>X=3.19</b>	

APPENDIX TABLE C 4. BART: DESCRIPTIVE STATISTICS FOR KNOWLEDGE ITEMS

Is the statement True or False?	Pretest		Posttest	
	N	%	N	%
<b>Abstinence is the only contraception method that is 100% effective at preventing pregnancy. (T)</b>				
Incorrect	171	53.9	125	38.6
Correct	146	46.1	199	61.4
<b>Birth control pills protect women from getting HIV. (F)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Incorrect	85	26.4	50	15.4
Correct	237	73.6	275	84.6
<b>There is no cure for AIDS. (T)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Incorrect	129	40.1	91	28.3
Correct	193	59.9	231	71.7
<b>Having a sexually transmitted infection (STI) like gonorrhea or syphilis increases a person's risk of getting HIV. (T)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Incorrect	214	67.5	130	40.4
Correct	103	32.5	192	59.6
<b>Having unprotected oral sex (e.g. without a condom and/or dental dam) increases a person's risk of getting HIV. (T)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Incorrect	111	34.4	84	26.2
Correct	212	65.6	237	73.8
<b>Scale Score Adjusted Mean</b>	<b>X=2.85</b>		<b>X=3.59</b>	

APPENDIX TABLE C 5. MPC: SUMMARY OF LINEAR MIXED MODELS FOR KNOWLEDGE

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	4653.42	4675.20	.000
<b>Year</b>	Main Effect Year	4656.06	4677.83	.313
	Main Effect Time			.000
	Year*Time			.161
<b>Age</b>	Main Effect Age	4553.48	4575.19	.004
	Main Effect Time			.000
	Age*Time			.650
<b>Race</b>	Main Effect Race	4409.71	4431.32	.456
	Main Effect Time			.000
	Race *Time			.471
<b>Gender</b>	Main Effect Gender	4504.88	4526.55	.752
	Main Effect Time			.000
	Gender* Time			.968
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	4475.03	4496.69	.791
	Main Effect Time			.000
	Baseline Risky Behavior*Time			.108

\*Smaller values indicate better fit

APPENDIX TABLE C 6. BART: SUMMARY OF LINEAR MIXED MODELS FOR KNOWLEDGE

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	1930.83	1949.96	.000
<b>Year</b>	Main Effect Year	1920.91	1940.02	.645
	Main Effect Time			.000
	Year*Time			.001
<b>Age</b>	Main Effect Age	1893.49	1912.55	.384
	Main Effect Time			.000
	Age*Time			.016
<b>Race</b>	Main Effect Race	1882.35	1895.38	.072
	Main Effect Time			.000
	Race *Time			.005
<b>Gender</b>	Main Effect Gender	1916.51	1935.60	.168
	Main Effect Time			.000
	Gender* Time			.946
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	1822.27	1841.24	.081
	Main Effect Time			.000
	Baseline Risky Behavior*Time			.000

\*Smaller values indicate better fit



APPENDIX TABLE C 7. MPC: DESCRIPTIVE STATISTICS FOR ATTITUDES TOWARD UNPROTECTED SEX

Having unprotected sex can interfere with...	Pretest		Posttest	
<b>My goals and dreams for my EDUCATION.</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	60	8.2	40	5.4
Disagree	91	12.4	66	8.9
Agree	268	36.6	246	33.2
Strongly Agree	314	42.8	388	52.4
<b>Mean Score</b>	3.14		3.33	
<b>My goals and dreams for my CAREER.</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	61	8.4	35	4.7
Disagree	109	14.9	78	10.6
Agree	254	34.8	242	32.7
Strongly Agree	306	41.9	384	52.0
<b>Mean Score</b>	3.10		3.32	
<b>My goals and dreams for my FUTURE.</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	74	10.2	40	5.4
Disagree	85	11.7	60	8.2
Agree	250	34.5	234	31.8
Strongly Agree	315	43.5	402	54.6
<b>Mean Score</b>	3.11		3.36	
<b>Scale Score Adjusted Mean</b>	<b>X=3.12</b>		<b>X=3.34</b>	

APPENDIX TABLE C 8. BART: DESCRIPTIVE STATISTICS FOR ATTITUDES TOWARD UNPROTECTED SEX

Having unprotected sex can interfere with...	Pretest		Posttest	
<b>My goals and dreams for my EDUCATION.</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	29	9.1	19	5.9
Disagree	41	12.9	49	15.3
Agree	116	36.4	115	35.9
Strongly Agree	133	41.7	137	42.8
<b>Mean Score</b>	3.11		3.16	
<b>My goals and dreams for my CAREER.</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	28	8.8	15	4.7
Disagree	50	15.6	52	16.1
Agree	117	36.6	121	37.6
Strongly Agree	125	39.1	134	41.6
<b>Mean Score</b>	3.06		3.16	
<b>My goals and dreams for my FUTURE.</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	25	7.8	16	5.0
Disagree	37	11.6	42	13.0
Agree	111	34.7	122	37.8
Strongly Agree	147	45.9	143	44.3
<b>Mean Score</b>	3.19		3.21	
<b>Scale Score Adjusted Mean</b>	<b>X=3.11</b>		<b>X=3.16</b>	

APPENDIX TABLE C 9. MPC: SUMMARY OF LINEAR MIXED MODELS FOR ATTITUDES ABOUT UNPROTECTED SEX

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	3631.28	3653.22	.000
<b>Year</b>	Main Effect Year	3643.08	3665.01	.309
	Main Effect Time			.001
	Year*Time			.776
<b>Age</b>	Main Effect Age	3569.41	3591.28	.124
	Main Effect Time			.000
	Age*Time			.901
<b>Race</b>	Main Effect Race	3436.42	3458.18	.311
	Main Effect Time			.000
	Race *Time			.172
<b>Gender**</b>	Main Effect Gender	3510.72	3525.28	.000
	Main Effect Time			.000
	Gender* Time			.835
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	3475.25	3497.06	.000
	Main Effect Time			.000
	Baseline Risky Behavior*Time			.344

\*Smaller values indicate better fit

\*\*When this model was run, the school variance was reduced to zero. The model presented includes subject intercept only.

APPENDIX TABLE C 10. BART: SUMMARY OF LINEAR MIXED MODELS FOR ATTITUDES ABOUT UNPROTECTED SEX

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	1613.53	1632.99	.314
<b>Year</b>	Main Effect Year	1660.72	1620.15	.111
	Main Effect Time			.032
	Year*Time			.000
<b>Age</b>	Main Effect Age	1594.92	1614.32	.844
	Main Effect Time			.594
	Age*Time			.204
<b>Race</b>	Main Effect Race	1572.65	1591.99	.756
	Main Effect Time			.227
	Race *Time			.572
<b>Gender</b>	Main Effect Gender	1568.87	1588.25	.001
	Main Effect Time			.500
	Gender* Time			.934
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	1396.01	1414.99	.011
	Main Effect Time			.719
	Baseline Risky Behavior*Time			.791

\*Smaller values indicate better fit

APPENDIX TABLE C 11. MPC: DESCRIPTIVE STATISTICS FOR ATTITUDES TOWARD CONDOMS

<i>If someone wanted to wear a condom...</i>	Pretest		Posttest	
<b>They would reduce the risk of pregnancy</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	29	3.9	25	3.4
Disagree	67	9.1	46	6.2
Agree	356	48.3	309	41.6
Strongly Agree	285	38.7	363	48.9
<i>Mean Score</i>	3.22		3.36	
<b>They would reduce the risk of sexually transmitted infections (STIs) and HIV</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	38	5.3	31	4.2
Disagree	89	12.5	46	6.3
Agree	359	50.4	307	41.8
Strongly Agree	226	31.7	350	47.7
<i>Mean Score</i>	3.09		3.33	
<b>They would show that they care about themselves and their sexual partners</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	36	5.0	17	2.3
Disagree	81	11.3	53	7.2
Agree	333	46.6	274	37.1
Strongly Agree	264	37.0	394	53.4
<i>Mean Score</i>	3.16		3.42	
<b>Their sexual partner would react positively</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	12	1.7	7	1.0
Disagree	140	20.3	158	21.9
Agree	381	55.2	387	53.8
Strongly Agree	157	22.8	168	23.3
<i>Mean Score</i>	2.99		2.99	
<b>Their partner's sexual experience would still be fun and pleasurable</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	56	8.3	26	3.6
Disagree	124	18.5	73	10.2
Agree	348	51.8	423	58.9
Strongly Agree	144	21.4	196	27.3
<i>Mean Score</i>	2.86		3.10	
<b>Their own sexual experience would still be fun and pleasurable.</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	52	7.7	24	3.4
Disagree	122	18.1	62	8.7
Agree	353	52.3	408	57.3
Strongly Agree	148	21.9	218	30.6
<i>Mean Score</i>	2.88		3.15	
<b>Using condoms or birth control would... Be an expected part of the sexual experience</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Strongly Disagree	43	6.2	25	3.5
Disagree	128	18.4	82	11.4
Agree	380	54.6	412	57.3
Strongly Agree	145	20.8	200	27.8
<i>Mean Score</i>	2.90		3.09	
<b>Scale Score Adjusted Mean</b>	<b>X=3.00</b>		<b>X=3.20</b>	

APPENDIX TABLE C 12. BART: DESCRIPTIVE STATISTICS FOR ATTITUDES TOWARD CONDOMS

<i>If someone wanted to wear a condom...</i>	Pretest		Posttest	
<b>They would reduce the risk of pregnancy</b>	N	%	N	%
Strongly Disagree	15	4.6	10	3.1
Disagree	25	7.7	19	5.8
Agree	150	46.3	151	46.2
Strongly Agree	134	41.4	147	45.0
<b>Mean Score</b>	3.24		3.33	
<b>They would reduce the risk of sexually transmitted infections (STIs) and HIV</b>	N	%	N	%
Strongly Disagree	14	4.3	12	3.7
Disagree	36	11.0	28	8.6
Agree	147	44.8	137	42.0
Strongly Agree	131	39.9	149	45.7
<b>Mean Score</b>	3.20		3.30	
<b>They would show that they care about themselves and their sexual partners</b>	N	%	N	%
Strongly Disagree	7	2.2	11	3.4
Disagree	24	7.5	18	5.6
Agree	122	37.9	132	41.0
Strongly Agree	169	52.5	161	50.0
<b>Mean Score</b>	3.41		3.38	
<b>Their sexual partner would react positively</b>	N	%	N	%
Strongly Disagree	5	1.6	9	2.8
Disagree	51	16.2	52	16.0
Agree	168	53.5	182	56.2
Strongly Agree	90	28.7	81	25.0
<b>Mean Score</b>	3.09		3.03	
<b>Their partner's sexual experience would still be fun and pleasurable</b>	N	%	N	%
Strongly Disagree	16	5.2	11	3.5
Disagree	41	13.4	34	10.7
Agree	165	53.7	187	58.8
Strongly Agree	85	27.7	86	27.0
<b>Mean Score</b>	3.04		3.09	
<b>Their own sexual experience would still be fun and pleasurable.</b>	N	%	N	%
Strongly Disagree	17	5.5	11	3.5
Disagree	42	13.6	24	7.5
Agree	162	52.6	195	61.3
Strongly Agree	87	28.2	88	27.7
<b>Mean Score</b>	3.04		3.13	
<b>Using condoms or birth control would... Be an expected part of the sexual experience</b>	N	%	N	%
Strongly Disagree	18	5.8	17	5.3
Disagree	54	17.4	38	11.9
Agree	162	52.3	180	56.3
Strongly Agree	76	24.5	85	26.6
<b>Mean Score</b>	2.95		3.04	
<b>Scale Score Adjusted Mean</b>	<b>X=3.09</b>		<b>X=3.14</b>	

APPENDIX TABLE C 13. MPC: SUMMARY OF LINEAR MIXED MODELS FOR ATTITUDES ABOUT CONDOMS

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	2099.53	2121.47	.000
<b>Year</b>	Main Effect Year	2120.27	2142.19	.796
	Main Effect Time			.000
	Year*Time			.899
<b>Age</b>	Main Effect Age	2076.57	2098.44	.139
	Main Effect Time			.000
	Age*Time			.338
<b>Race</b>	Main Effect Race	1997.91	2019.67	.836
	Main Effect Time			.000
	Race *Time			.301
<b>Gender</b>	Main Effect Gender	2046.71	2068.54	.004
	Main Effect Time			.000
	Gender* Time			.962
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	2024.92	2046.74	.621
	Main Effect Time			.000
	Baseline Risky Behavior*Time			.139

\*Smaller values indicate better fit

APPENDIX TABLE C 14. BART: SUMMARY OF LINEAR MIXED MODELS FOR ATTITUDES ABOUT CONDOMS

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	937.01	956.47	.160
<b>Year</b>	Main Effect Year	942.26	961.69	.016
	Main Effect Time			.143
	Year*Time			.972
<b>Age</b>	Main Effect Age	932.51	951.91	.311
	Main Effect Time			.065
	Age*Time			.118
<b>Race</b>	Main Effect Race	922.44	941.78	.088
	Main Effect Time			.101
	Race *Time			.357
<b>Gender</b>	Main Effect Gender	927.46	946.83	.981
	Main Effect Time			.173
	Gender* Time			.766
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	903.53	922.53	.924
	Main Effect Time			.077
	Baseline Risky Behavior*Time			.301

\*Smaller values indicate better fit

APPENDIX TABLE C 15. MPC: DESCRIPTIVE STATISTICS FOR ATTITUDES TOWARD PREGNANCY

<i>Attitudes toward Pregnancy</i>	Pretest		Posttest	
<b>If you got pregnant now, how would you feel? (Females only)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Very upset	274	82.5	269	81.8
A little upset	43	13.0	48	14.6
A little pleased	13	3.9	8	2.4
Very pleased	2	.6	4	1.2
<i>Mean Score</i>	1.23		1.23	
<b>If you got a female pregnant now, how would you feel? (Males only)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Very upset	184	49.7	196	52.5
A little upset	96	25.9	98	26.3
A little pleased	65	17.6	54	14.5
Very pleased	25	6.8	25	6.7
<i>Mean Score</i>	1.81		1.75	

APPENDIX TABLE C 16. BART: DESCRIPTIVE STATISTICS FOR ATTITUDES TOWARD PREGNANCY

<i>Attitudes toward Pregnancy</i>	Pretest		Posttest	
<b>If you got pregnant now, how would you feel? (Females only)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Very upset	76	75.2	75	75.0
A little upset	17	16.8	18	18.0
A little pleased	4	4.0	6	6.0
Very pleased	4	4.0	1	1.0
<i>Mean Score</i>	1.37		1.33	
<b>If you got a female pregnant now, how would you feel? (Males only)</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Very upset	46	45.5	47	46.5
A little upset	37	36.6	32	31.7
A little pleased	12	11.9	16	15.8
Very pleased	6	5.9	6	5.9
<i>Mean Score</i>	1.78		1.81	

APPENDIX TABLE C 17. MPC: DESCRIPTIVE STATISTICS FOR CONDOM SELF-EFFICACY

How CONFIDENT are you that you could...	Pretest		Posttest	
<b>Get condoms if/when you need them?</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Not at all confident	122	16.8	41	5.6
A little confident	153	21.0	147	19.9
Confident	230	31.6	263	35.7
Extremely confident	223	30.6	286	38.8
<i>Mean Score</i>	2.76		3.08	
<b>Discuss using a condom with any sexual partner you might have?</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Not at all confident	110	15.3	46	6.3
A little confident	136	18.9	113	15.4
Confident	274	38.2	314	42.7
Extremely confident	198	27.6	263	35.7
<i>Mean Score</i>	2.78		3.08	
<b>Successfully use a condom?</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Not at all confident	106	14.7	32	4.4
A little confident	118	16.4	79	10.8
Confident	224	31.1	291	39.6
Extremely confident	272	37.8	332	45.2
<i>Mean Score</i>	2.92		3.26	
<b>Scale Score Adjusted Mean</b>	<b>X=2.82</b>		<b>X=3.14</b>	

APPENDIX TABLE C 18. BART: DESCRIPTIVE STATISTICS FOR CONDOM SELF-EFFICACY

How CONFIDENT are you that you could...	Pretest		Posttest	
<b>Get condoms if/when you need them?</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Not at all confident	19	6.0	12	3.6
A little confident	53	16.7	44	13.4
Confident	124	39.0	145	44.1
Extremely confident	122	38.4	128	38.9
<i>Mean Score</i>	3.10		3.18	
<b>Discuss using a condom with any sexual partner you might have?</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Not at all confident	19	5.9	11	3.4
A little confident	42	13.1	36	11.0
Confident	135	42.1	149	45.7
Extremely confident	125	38.9	130	39.9
<i>Mean Score</i>	3.14		3.22	
<b>Successfully use a condom?</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Not at all confident	24	7.5	13	4.0
A little confident	30	9.4	22	6.7
Confident	118	37.1	134	41.1
Extremely confident	146	45.9	157	48.2
<i>Mean Score</i>	3.21		3.33	
<b>Scale Score Adjusted Mean</b>	<b>X=3.16</b>		<b>X=3.25</b>	

APPENDIX TABLE C 19. MPC: SUMMARY OF LINEAR MIXED MODELS FOR CONDOM SELF-EFFICACY

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	3406.37	3428.31	.000
<b>Year</b>	Main Effect Year	3415.99	3437.92	.489
	Main Effect Time			.000
	Year*Time			.139
<b>Age</b>	Main Effect Age	3337.52	3359.39	.016
	Main Effect Time			.000
	Age*Time			.173
<b>Race</b>	Main Effect Race	3224.81	3246.57	.072
	Main Effect Time			.000
	Race *Time			.876
<b>Gender</b>	Main Effect Gender	3244.65	3266.49	.000
	Main Effect Time			.000
	Gender* Time			.000
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	3250.79	3272.61	.001
	Main Effect Time			.000
	Baseline Risky Behavior*Time			.000

\*Smaller values indicate better fit

APPENDIX TABLE C 20. BART: SUMMARY OF LINEAR MIXED MODELS FOR CONDOM SELF-EFFICACY

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	1279.9	1299.36	.019
<b>Year</b>	Main Effect Year	1283.32	1302.75	.363
	Main Effect Time			.001
	Year*Time			.048
<b>Age</b>	Main Effect Age	1264.30	1283.69	.414
	Main Effect Time			.040
	Age*Time			.713
<b>Race</b>	Main Effect Race	1239.85	1259.20	.757
	Main Effect Time			.015
	Race *Time			.393
<b>Gender</b>	Main Effect Gender	1239.79	1259.17	.039
	Main Effect Time			.031
	Gender* Time			.008
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	1219.69	1239.01	.004
	Main Effect Time			.018
	Baseline Risky Behavior*Time			.004

\*Smaller values indicate better fit



APPENDIX TABLE C 21. MPC: DESCRIPTIVE STATISTICS FOR RISKY BEHAVIOR REFUSAL SELF-EFFICACY

How CONFIDENT are you that you could...	Pretest		Posttest	
Recognize if a behavior is risky when it comes to getting HIV?	N	%	N	%
Not at all confident	164	23.8	91	12.6
A little confident	102	14.8	90	12.5
Confident	219	31.8	256	35.5
Extremely confident	204	29.6	285	39.5
<i>Mean Score</i>	2.67		3.02	
Say no if someone wanted to have sex without a condom?	N	%	N	%
Not at all confident	102	14.1	57	7.8
A little confident	103	14.3	67	9.2
Confident	128	17.8	176	24.1
Extremely confident	388	53.8	430	58.9
<i>Mean Score</i>	3.11		3.34	
Say no to a behavior that is risky when it comes to getting HIV?	N	%	N	%
Not at all confident	86	12.3	38	5.2
A little confident	50	7.2	36	5.0
Confident	140	20.0	180	24.8
Extremely confident	423	60.5	473	65.1
<i>Mean Score</i>	3.29		3.50	
<b>Scale Score Adjusted Mean</b>	<b>X=3.03</b>		<b>X=3.28</b>	

APPENDIX TABLE C 22. BART: DESCRIPTIVE STATISTICS FOR RISKY BEHAVIOR REFUSAL SELF-EFFICACY

How CONFIDENT are you that you could...	Pretest		Posttest	
Recognize if a behavior is risky when it comes to getting HIV?	N	%	N	%
Not at all confident	32	10.4	18	5.7
A little confident	57	18.4	32	10.2
Confident	108	35.0	129	41.1
Extremely confident	112	36.2	135	43.0
<i>Mean Score</i>	2.97		3.21	
Say no if someone wanted to have sex without a condom?	N	%	N	%
Not at all confident	18	5.6	14	4.4
A little confident	41	12.9	35	10.9
Confident	84	26.3	99	30.9
Extremely confident	176	55.2	172	53.8
<i>Mean Score</i>	3.31		3.34	
Say no to a behavior that is risky when it comes to getting HIV?	N	%	N	%
Not at all confident	15	4.7	11	3.4
A little confident	24	7.6	27	8.4
Confident	82	25.9	86	26.7
Extremely confident	195	61.7	198	61.5
<i>Mean Score</i>	3.45		3.46	
<b>Scale Score Adjusted Mean</b>	<b>X=3.24</b>		<b>X=3.34</b>	

APPENDIX TABLE C 23. MPC: SUMMARY OF LINEAR MIXED MODELS FOR RISKY BEHAVIOR REFUSAL SELF-EFFICACY

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	3447.97	3469.91	.000
<b>Year</b>	Main Effect Year	3453.26	3475.18	.077
	Main Effect Time			.000
	Year*Time			.135
<b>Age</b>	Main Effect Age	3362.46	3384.33	.085
	Main Effect Time			.000
	Age*Time			.219
<b>Race</b>	Main Effect Race	3255.71	3277.47	.383
	Main Effect Time			.000
	Race *Time			.552
<b>Gender</b>	Main Effect Gender	3315.32	3337.16	.000
	Main Effect Time			.000
	Gender* Time			.461
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	3293.61	3315.43	.000
	Main Effect Time			.000
	Baseline Risky Behavior*Time			.233

\*Smaller values indicate better fit

APPENDIX TABLE C 24. BART: SUMMARY OF LINEAR MIXED MODELS FOR RISKY BEHAVIOR REFUSAL SELF-EFFICACY

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	1356.75	1376.20	.023
<b>Year</b>	Main Effect Year	1355.18	1374.61	.178
	Main Effect Time			.006
	Year*Time			.015
<b>Age</b>	Main Effect Age	1342.30	1361.69	.389
	Main Effect Time			.054
	Age*Time			.394
<b>Race</b>	Main Effect Race	1310.83	1330.18	.549
	Main Effect Time			.002
	Race *Time			.025
<b>Gender</b>	Main Effect Gender	1317.51	1336.88	.111
	Main Effect Time			.021
	Gender* Time			.440
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	1330.23	1319.55	.057
	Main Effect Time			.019
	Baseline Risky Behavior*Time			.074

\*Smaller values indicate better fit

APPENDIX TABLE C 25. MPC: DESCRIPTIVE STATISTICS FOR INTENTIONS RELATED TO SAFER SEX

How LIKELY are you to...	Pretest		Posttest	
Talk to your sexual partner about HIV and STIs?	N	%	N	%
Not at all likely	79	11.0	34	4.7
Not very likely	72	10.0	55	7.6
Somewhat likely	229	31.8	235	32.5
Very likely	341	47.3	400	55.2
<b>Mean Score</b>	3.15		3.38	
Talk to your sexual partner about using condoms?	N	%	N	%
Not at all likely	44	6.1	25	3.4
Not very likely	47	6.5	29	4.0
Somewhat likely	151	20.9	167	23.0
Very likely	481	66.5	505	69.6
<b>Mean Score</b>	3.48		3.59	
Use a condom during sex?	N	%	N	%
Not at all likely	25	3.4	13	1.8
Not very likely	19	2.6	22	3.0
Somewhat likely	129	17.8	110	15.2
Very likely	552	76.1	578	79.9
<b>Mean Score</b>	3.67		3.73	
<b>Scale Score Adjusted Mean</b>	<b>X=3.42</b>		<b>X=3.56</b>	

APPENDIX TABLE C 26. BART: DESCRIPTIVE STATISTICS FOR INTENTIONS RELATED TO SAFER SEX

How LIKELY are you to...	Pretest		Posttest	
Talk to your sexual partner about HIV and STIs?	N	%	N	%
Not at all likely	37	11.7	18	5.6
Not very likely	58	18.3	52	16.3
Somewhat likely	97	30.6	111	34.8
Very likely	125	39.4	138	43.3
<b>Mean Score</b>	2.98		3.16	
Talk to your sexual partner about using condoms?	N	%	N	%
Not at all likely	14	4.4	9	2.8
Not very likely	17	5.3	25	7.9
Somewhat likely	84	26.4	78	24.5
Very likely	203	63.8	206	64.8
<b>Mean Score</b>	3.50		3.51	
Use a condom during sex?	N	%	N	%
Not at all likely	12	3.8	9	2.8
Not very likely	6	1.9	14	4.4
Somewhat likely	42	13.2	56	17.7
Very likely	258	81.1	238	75.1
<b>Mean Score</b>	3.72		3.65	
<b>Scale Score Adjusted Mean</b>	<b>X=3.39</b>		<b>X=3.41</b>	

APPENDIX TABLE C 27. MPC: SUMMARY OF LINEAR MIXED MODELS FOR INTENTIONS RELATED TO SAFER SEX

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	2831.72	2853.65	.000
<b>Year</b>	Main Effect Year	2845.42	2867.34	.284
	Main Effect Time			.005
	Year*Time			.485
<b>Age</b>	Main Effect Age	2758.02	2779.88	.145
	Main Effect Time			.000
	Age*Time			.261
<b>Race</b>	Main Effect Race	2662.70	2684.46	.157
	Main Effect Time			.001
	Race *Time			.613
<b>Gender</b>	Main Effect Gender	2690.87	2712.71	.000
	Main Effect Time			.000
	Gender* Time			.364
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	2691.07	2712.88	.000
	Main Effect Time			.000
	Baseline Risky Behavior*Time			.412

\*Smaller values indicate better fit

APPENDIX TABLE C 28. BART: SUMMARY OF LINEAR MIXED MODELS FOR INTENTIONS RELATED TO SAFER SEX

Variable	Main Effect/Interaction	Information Criteria*		P Values
		--2LL	Schwarz's Bayesian Criterion	
<b>Time</b>	Main Effect Time	1264.23	1283.69	.653
<b>Year</b>	Main Effect Year	1271.84	1284.79	.011
	Main Effect Time			.789
	Year*Time			.845
<b>Age</b>	Main Effect Age	1233.88	1253.28	.976
	Main Effect Time			.998
	Age*Time			.555
<b>Race</b>	Main Effect Race	1224.94	1244.29	.764
	Main Effect Time			.380
	Race *Time			.146
<b>Gender</b>	Main Effect Gender	1214.73	1234.11	.000
	Main Effect Time			.532
	Gender* Time			.342
<b>Baseline Risky Behavior</b>	Main Effect Baseline Risky Behavior	1209.24	1228.56	.000
	Main Effect Time			.673
	Baseline Risky Behavior*Time			.824

\*Smaller values indicate better fit

## Appendix D. Behavior Tables

**APPENDIX TABLE D 1. MPC: DESCRIPTIVE STATISTICS FOR SEX BEHAVIOR ITEMS**

Sex Behavior	Pretest		Posttest	
	N	%	N	%
<b>Have you ever been tested for HIV?</b>				
No, I have never been tested	65.7	92.0	649	89.4
Yes, less than 3 months ago	18	2.5	28	3.9
Yes, 3 – 6 months ago	17	2.4	18	2.5
Yes, more than 6 months ago	22	3.1	31	4.3
<b>Have you ever had sexual intercourse?</b>				
No	598	82.9	558	78.8
Yes	123	17.1	150	21.2
<b>The last time you had sexual intercourse did you or your partner use a condom? [Includes only those who reported ever having sexual intercourse]</b>				
No	26	22.4	32	21.8
Yes	72	62.1	99	67.3
Does not apply	18	15.5	16	10.9
<b>The last time you had sexual intercourse did you drink alcohol or use drugs? [Includes only those who reported ever having sexual intercourse]</b>				
No	70	61.4	100	70.4
Yes	15	13.2	26	18.3
Does not apply	29	25.4	16	11.3
<b>During the past 3 months, with how many people have you had sexual intercourse? [Includes only those who reported ever having sexual intercourse]</b>				
I have not had sexual intercourse during the past 3 months	40	33.3	47	32.4
1 person	43	35.8	57	39.3
2 or more people	37	30.8	41	28.3
<b>In the past 3 months have you had sexual intercourse <u>without</u> using an effective method of birth control, even once? [Includes only those who reported ever having sexual intercourse]</b>				
No	47	41.2	61	45.5
Yes	12	10.5	20	14.9
Does not apply	55	48.2	53	39.6

APPENDIX TABLE D 2. BART: DESCRIPTIVE STATISTICS FOR SEX BEHAVIOR ITEMS

Sex Behavior	Pretest		Posttest	
	N	%	N	%
<b>Have you ever been tested for HIV?</b>				
No, I have never been tested	210	66.5	202	63.1
Yes, less than 3 months ago	66	20.9	71	22.2
Yes, 3 – 6 months ago	19	6.0	20	6.3
Yes, more than 6 months ago	21	6.6	27	8.4
<b>Have you ever had sexual intercourse?</b>				
No	164	52.1	172	53.9
Yes	151	47.9	147	46.1
<b>The last time you had sexual intercourse did you or your partner use a condom? [Includes only those who reported ever having sexual intercourse]</b>				
No	38	25.9	15	10.5
Yes	97	66.0	77	53.8
Does not apply	12	8.2	51	35.7
<b>The last time you had sexual intercourse did you drink alcohol or use drugs? [Includes only those who reported ever having sexual intercourse]</b>				
No	105	71.9	100	71.4
Yes	36	24.7	35	25.0
Does not apply	5	3.4	5	3.6
<b>During the past 3 months, with how many people have you had sexual intercourse? [Includes only those who reported ever having sexual intercourse]</b>				
I have not had sexual intercourse during the past 3 months	39	29.3	25	18.8
1 person	60	45.1	66	49.6
2 or more people	34	25.6	42	31.6
<b>In the past 3 months have you had sexual intercourse <u>without</u> using an effective method of birth control, even once? [Includes only those who reported ever having sexual intercourse]</b>				
No	29	39.2	31	42.5
Yes	17	23.0	18	24.7
Does not apply	28	37.8	24	32.9

APPENDIX TABLE D 3. MPC: DESCRIPTIVE STATISTICS FOR ATOD BEHAVIOR ITEMS

ATOD Behavior	Pretest		Posttest	
	N	%	N	%
<b>During the past 30 days, on how many days did you smoke cigarettes?</b>				
0 Days	612	96.1	523	94.4
1 or 2 Days	14	2.2	16	2.9
3 to 5 Days	4	.6	8	1.4
6 to 9 Days	1	.2	1	.2
10 to 19 Days	4	.6	1	.2
20 to 29 Days	0	0	0	0
All 30 Days	2	.3	5	.9
<b>During the past 30 days, on how many days did you have at least one drink of alcohol?</b>				
0 Days	560	87.5	477	84.4
1 or 2 Days	60	9.4	51	9.0
3 to 5 Days	10	1.6	25	4.4
6 to 9 Days	4	.6	4	.7
10 to 19 Days	2	.3	4	.7
20 to 29 Days	3	.5	0	0
All 30 Days	1	.2	4	.7
<b>During the past 30 days, on how many times did you use marijuana?</b>				
0 Times	581	91.2	488	86.1
1 or 2 Times	27	4.2	34	6.0
3 to 9 Times	11	1.7	25	4.4
10 to 19 Times	0	0	10	1.8
20 to 39 Times	8	1.3	0	0
40+ Times	7	1.1	10	1.8

APPENDIX TABLE D 4. BART: DESCRIPTIVE STATISTICS FOR ATOD BEHAVIOR ITEMS

ATOD Behavior	Pretest		Posttest	
	N	%	N	%
<b>During the past 30 days, on how many days did you smoke cigarettes?</b>				
0 Days	153	96.2	135	93.1
1 or 2 Days	2	1.3	5	3.4
3 to 5 Days	0	0	1	.7
6 to 9 Days	1	.6	0	0
10 to 19 Days	0	0	1	.7
20 to 29 Days	1	.6	1	.7
All 30 Days	2	1.3	2	1.4
<b>During the past 30 days, on how many days did you have at least one drink of alcohol?</b>				
0 Days	124	71.7	107	66.9
1 or 2 Days	26	15.0	28	17.5
3 to 5 Days	10	5.8	13	8.1
6 to 9 Days	7	4.0	5	3.1
10 to 19 Days	3	1.7	3	1.9
20 to 29 Days	1	.6	1	.6
All 30 Days	2	1.2	3	1.9
<b>During the past 30 days, on how many times did you use marijuana?</b>				
0 Times	121	71.2	107	64.5
1 or 2 Times	20	11.8	26	15.7

3 to 9 Times	11	6.5	17	10.2
10 to 19 Times	9	5.3	7	4.2
20 to 39 Times	3	1.8	1	.6
40+ Times	6	3.5	8	4.8

APPENDIX TABLE D 5. MPC: DESCRIPTIVE STATISTICS FOR SOCIAL BEHAVIOR ITEMS

Social Behavior	Pretest		Posttest	
	N	%	N	%
<b>During the past 12 months, how many times were you in a physical fight?</b>				
0 Times	288	42.3	288	44.5
1 Time	155	22.8	138	21.3
2 Times	96	14.1	98	15.1
3 Times	43	6.3	46	7.1
4+ Times	99	14.5	77	11.9
<b>"I stay away from people who might get me in trouble."</b>				
Strongly Disagree	51	7.2	39	5.3
Disagree	174	24.4	139	19.0
Agree	332	46.6	351	48.0
Strongly Agree	156	21.9	202	27.6
<b>Is there a special adult in your life who you spend time with or talk to?</b>				
No	92	13.8	78	12.2
Yes	573	86.2	562	87.8

APPENDIX TABLE D 6. BART: DESCRIPTIVE STATISTICS FOR SOCIAL BEHAVIOR ITEMS

Social Behavior	Pretest		Posttest	
	N	%	N	%
<b>During the past 12 months, how many times were you in a physical fight?</b>				
0 Times	94	53.7	84	50.9
1 Time	35	20.0	38	23.0
2 Times	18	10.3	22	13.3
3 Times	12	6.9	9	5.5
4+ Times	16	9.1	12	7.3
<b>"I stay away from people who might get me in trouble."</b>				
Strongly Disagree	10	4.8	9	4.3
Disagree	45	21.4	48	23.0
Agree	94	44.8	102	48.8
Strongly Agree	61	29.0	50	23.9
<b>Is there a special adult in your life who you spend time with or talk to?</b>				
No	37	18.2	40	21.2
Yes	166	81.8	149	78.8