

Teen Pregnancy Prevention Program Outcome Results by Site

Data reported for program participants 10/13/2011-8/30/2013
Results compiled by the Nevada Institute for Children's Research and Policy

Introduction

Between 10/13/2011 and 8/30/2013, a total of 1617 youth were enrolled (completed a pre-survey) to participate in the Teen Pregnancy Prevention Program offered by the Southern Nevada Health District (SNHD). As seen in Table 1 below, 883 (54.6%) of these youth were enrolled to participate at Clark County Juvenile Detention, 619 (38.3%) were enrolled at Clark County Juvenile Probation, 102 (6.3%) were enrolled at Foster Care/SAFY, and 13 (0.8%) were enrolled through the City of Las Vegas. Among all of the sites at which the program was offered, the course completion rate was highest at the City of Las Vegas site (100%) however only 13 youth participated at this site. The probation sites had the next highest completion rate (89.5% overall) and Foster Care/SAFY had the lowest completion rate (70.6%).

Table 1. Course Enrollment and Completion by Site and Unit or Division

	Unit or Division	Number Participating	Number Completing Course	Course Completion Rate
Detention				
	E1	18	15	83.3%
	E2	277	221	79.8%
	E3	290	242	83.4%
	E4	5	0	0%
	E5	259	190	73.4%
	E7	28	23	82.1%
	SMYC	6	6	100%
	Total	883	697	78.9%
Probation				
	Stewart	175	156	89.1%
	MLK	189	169	89.4%
	Charleston	163	148	90.8%
	Flamingo/SNHD ELV	92	81	88.0%
	Total	619	554	89.5%
Foster Care/SAFY	N/A			
	Total	102	72	70.6%
City of Las Vegas	N/A			
	Total	13	13	100%
All Sites		1617	1336	82.6%

To assess the outcome goals of the program, it is necessary to follow-up with participants 3 and 6 months after course completion. As seen in Table 2, the overall 3-month follow-up rate is 52.5% and the overall 6-month follow-up rate is 48.7%. This means that the status of the goals reviewed in this report are based on roughly half of the youth that completed the program.

The follow-up survey rates for each site can be seen in Table 2. Participants that completed the program through the City of Las Vegas have the highest 3-month (84.6%) and 6-month (69.2%) follow-up rates, however only 13 youth from this site completed the program. The E7 Detention unit has the lowest 3-month (30.4%) and 6-month (28.6%) follow-up rates.

Table 2. Follow-Up Survey Completion Rates by Site and Unit or Division

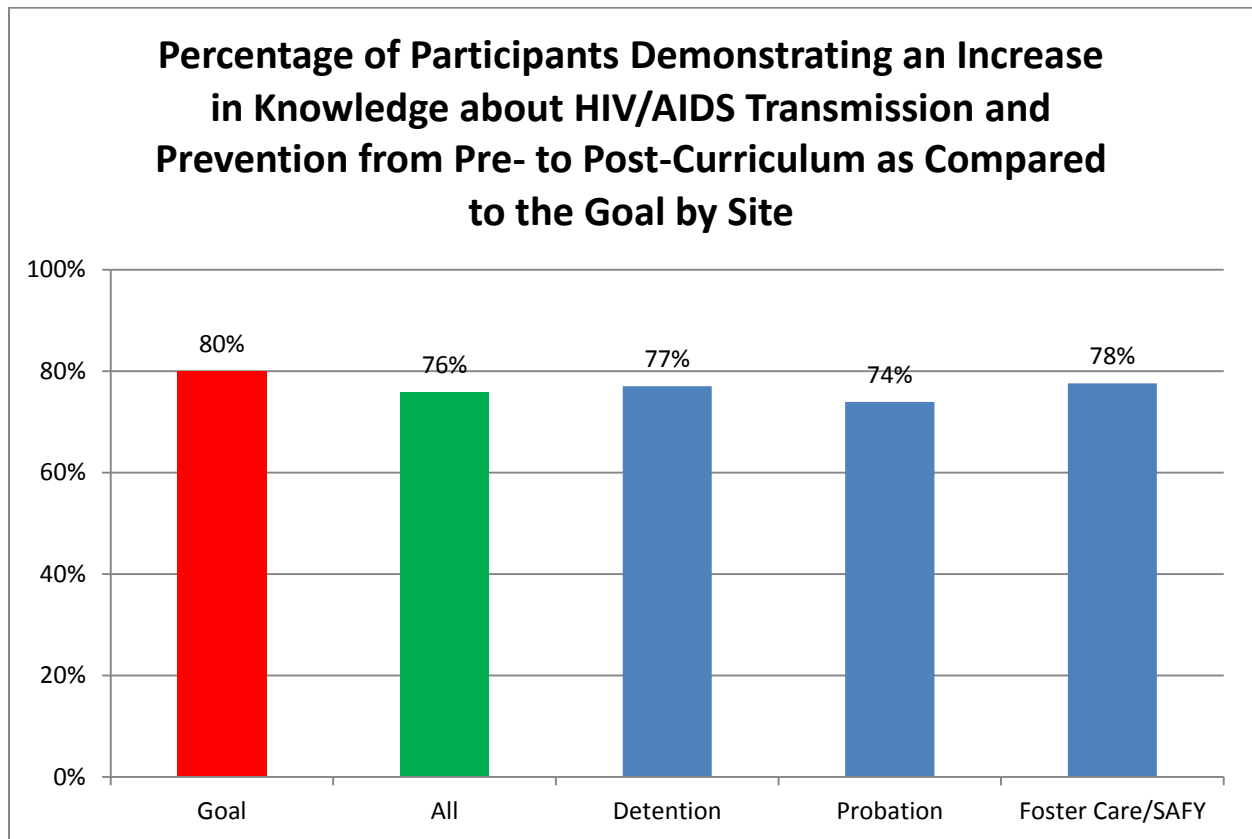
	Unit or Division	3-Month Follow-Up Completion Rate	6-Month Follow-Up Completion Rate
Detention			
	E2	45.1% (82/182)	41.2% (61/148)
	E3	46.4% (91/196)	38.3% (57/149)
	E5	43.8% (70/160)	51.2% (65/127)
	E7	30.4% (7/23)	28.6% (6/21)
	SMYC	83.3% (5/6)	N/A
Total		45.0% (255/567)	42.5% (189/445)
Probation			
	Stewart	61.9% (70/113)	56.6% (56/99)
	MLK	62.7% (74/118)	56.4% (57/101)
	Charleston	64.2% (70/109)	55.7% (44/79)
	Flamingo/SNHD ELV	55.6% (30/54)	53.5% (23/43)
Total		61.9% (244/394)	55.9% (180/322)
Foster Care/SAFY	N/A		
Total		54.1% (33/61)	53.7% (22/41)
City of Las Vegas	N/A		
Total		84.6% (11/13)	69.2% (9/13)
All Sites		52.5%(543/1035)	48.7% (400/821)

Progress toward the 5 outcome goals of the program is addressed in the sections that follow. Within each section, the outcome goal is stated and the status of the goal is described as it pertains to the specific sites. For all of the goals, only the data for those participants that completed the course were included in the analyses. If additional exclusion criteria were used to determine the outcome goal status, it is noted within the particular section.

OUTCOME GOAL ONE: 80% of participants will report an increase in knowledge about HIV/AIDS transmission and prevention immediately following curriculum.

Goal Status: Participants at each site demonstrated an increase in knowledge about HIV/AIDS transmission and prevention immediately following the curriculum as compared to pre-curriculum as shown below. However, this goal was not met at any individual site.

Too few participants from the City of Las Vegas met the inclusion criteria necessary to provide an accurate site specific assessment of progress toward this goal and therefore it is not included in the figure below.



This goal was assessed through the administration of 10 True/False statements regarding HIV/AIDS transmission and prevention. An increase in knowledge was defined as correctly answering at least one additional question on the post-survey than was answered on the pre-survey. Participants were only included in these analyses if they completed the course, had valid pre- and post-survey knowledge scores (i.e., answered the entire series of true/false statements on both the pre- and post-survey), and did not earn a perfect score (10/10) on the true/false statements at pre-survey. Of those participants that completed the course and responded to the entire series of True/False statements at pre-and post-survey, 111 earned a perfect score on the statements at pre-survey.

Table 3 depicts the percentage of participants with an increase, no change, and decrease in HIV/AIDS knowledge between the pre-survey and post-survey at all sites.

Table 3. Change in HIV/AIDS Knowledge from Pre-Survey to Post-Survey across All Sites.

	<i>Detention (n=539)</i>	<i>Probation (n= 403)</i>	<i>Foster Care (n=49)</i>	<i>City of Las Vegas (n=9)</i>
Increase in Knowledge	77% (415)	73.9% (298)	77.6% (38)	n/a
No Change in Knowledge	17.4% (94)	19.6% (79)	14.3% (7)	n/a
Decrease in Knowledge	5.6% (30)	6.5% (26)	8.2% (4)	n/a
Total	100% (539)	100% (403)	100% (49)	(n=9)

Note. Only those participants that completed the course, responded to the entire series of True/False statements on both the pre-survey and post-survey, and did not receive a perfect score (10/10) on the series of statements at pre-survey were included in this analysis.

OUTCOME GOAL TWO: 65% of participants will report an increase in intention to abstain from sex at least 6 months post-curriculum.

Goal Status: Analyses indicate that this goal was not met at any individual site.

Detention: The intention to abstain score, when compared to pre-curriculum, increased for:

- 18.6% of participants immediately following course completion
- 30.5% of participants at 3-month follow-up
- 24.4% of participants at 6-month follow-up

Probation: The intention to abstain score, when compared to pre-curriculum, increased for:

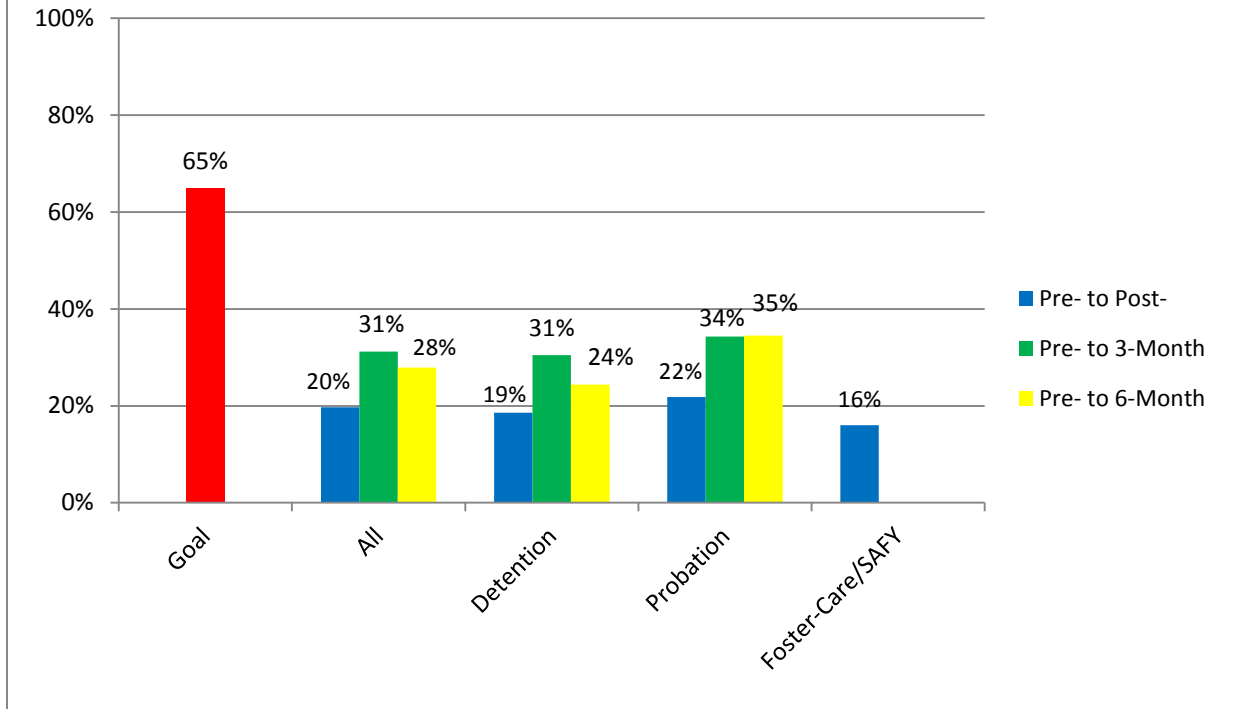
- 21.8% of participants immediately following course completion
- 34.3% of participants at 3-month follow-up
- 34.5% of participants at 6-month follow-up

Foster Care/SAFY: The intention to abstain score, when compared to pre-curriculum, increased for:

- 16% of participants immediately following course completion
- Too few participants met the inclusion criteria necessary to provide an accurate site specific assessment of progress toward this goal at 3- and 6-month follow-up

City of Las Vegas: Too few participants from the City of Las Vegas met the inclusion criteria necessary to provide an accurate site specific assessment of progress toward this goal.

Percentage of Participants Reporting an Increase in Intention to Abstain from Sex by Site



This goal was assessed by comparing participant responses to the question, “Do you intend to have sexual intercourse in the next year, if you have the chance?” at pre-survey, to participant responses to the same question at 3- and 6-month follow up. Response options ranged from 1 (“Yes, definitely”) to 4 (“No, definitely not”). Participants that responded “No, definitely not” to this question at pre-survey were excluded from the analyses because their intention to abstain could not increase.

Table 4 depicts the percentage of participants whose intention to abstain score increased, did not change, and decreased from pre-survey to post-survey, 3-month follow-up, and 6-month follow-up for each site. Cells labeled “n/a” indicate that the sample was too small to report valid results.

Table 4. Change in Intention to Abstain from Pre-Survey Across Sites

	Detention			Probation			Foster Care			City of Las Vegas		
	Post	3-Month	6-Month	Post	3-Month	6-Month	Post	3-Month	6-Month	Post	3-Month	6-Month
Increase in Intention	18.6% (113)	30.5% (71)	24.4% (42)	21.8% (97)	34.3% (72)	34.5% (51)	16% (8)	n/a	n/a	n/a	n/a	n/a
No Change in Intention	71.1% (433)	62.2% (145)	64% (110)	67.1% (298)	57.1% (120)	58.8% (87)	62% (31)	n/a	n/a	n/a	n/a	n/a
Decrease in Intention	10.3% (63)	7.3% (17)	11.6% (20)	11% (49)	8.6% (18)	6.8% (10)	22% (11)	n/a	n/a	n/a	n/a	n/a
Total	100% (609)	100% (233)	100% (172)	100% (444)	100% (210)	100% (148)	100% (50)	(n=27)	(n=18)	(n=8)	(n=7)	(n=6)

Note. Participants were excluded from the analyses if they did not provide valid data on the pair of surveys being compared and responded “No, definitely not” when asked at pre-survey, “Do you intend to have sexual intercourse in the next year, if you have the chance?”

OUTCOME GOAL THREE: 50% of program participants will report a reduction in sex partners as compared to pre-curriculum testing.

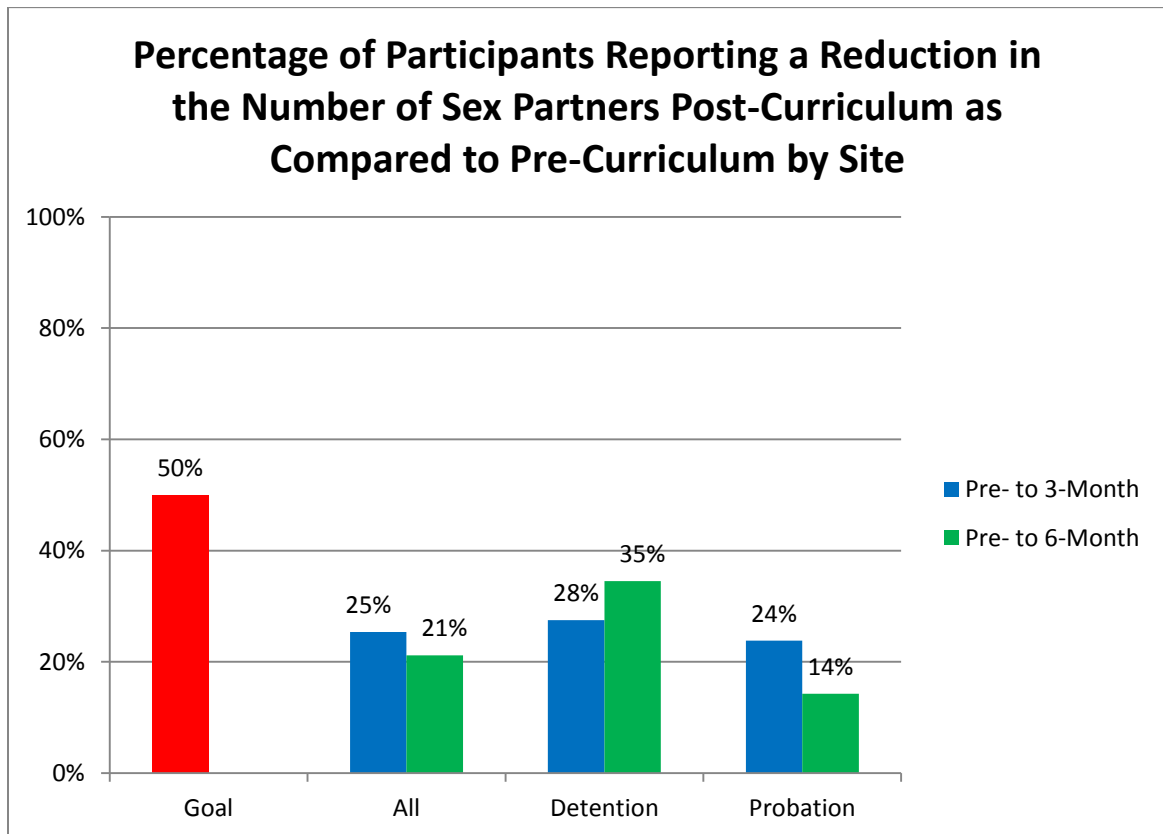
Goal Status: Analyses indicate that this goal was not met at detention or probation. Additionally, site specific assessments of progress toward this goal are not available for Foster Care/SAFY and the City of Las Vegas because too few participants from these sites met the inclusion criteria necessary for individual analyses.

Detention: The number of reported sex partners “during the last 3-months” decreased for:

- 27.5% of participants from pre-curriculum to 3-months post-curriculum
- 34.5% of participants from pre-curriculum to 6-months post-curriculum

Probation: The number of reported sex partners “during the last 3-months” decreased for:

- 23.8% of participants from pre-curriculum to 3-months post-curriculum
- 14.3% of participants from pre-curriculum to 6-months post-curriculum



To assess this goal, the question “During the last 3 months, with how many people did you have sexual intercourse?” was asked on the pre-survey and the 3-month and 6-month follow-up surveys.

Based on their survey responses, certain participants were excluded from the analyses used to assess this goal. The conditions for exclusion from analysis included (1) participants who did not have valid pre-survey and 3-month follow-up survey scores or pre-survey and 6-month follow-up scores, (2) participants who indicated at pre-survey that they have never had sex, (3) participants who reported “0” sex partners on the pre-survey and

3-month follow-up surveys or the pre-survey and 6-month follow-up surveys, and (4) participants who responded “illogically” regarding sexual activity (i.e., stated that they had never had sex, but then answered several questions about their sexual history or stated on the pre-survey that they were sexually active but at follow-up reported that they had never had sex).

Table 5 depicts the percentage of participants with a decrease, no change, and increase in the number of sex partners as compared to pre-survey at all sites.

Table 5. Change in Number of Sex Partners from Pre-Survey across Sites

	<i>Detention</i>		<i>Probation</i>		<i>Foster Care</i>		<i>City of Las Vegas</i>	
	<i>3-Month</i>	<i>6-Month</i>	<i>3-Month</i>	<i>6-Month</i>	<i>3-Month</i>	<i>6-Month</i>	<i>3-Month</i>	<i>6-Month</i>
Decrease in Number of Partners	27.5% (19)	34.5% (19)	23.8% (29)	14.3% (13)	n/a	n/a	n/a	n/a
No Change in Number of Partners	49.3% (34)	52.7% (29)	50.8% (62)	61.5% (56)	n/a	n/a	n/a	n/a
Increase in Number of Partners	23.2% (16)	12.7% (7)	25.4% (31)	24.2% (22)	n/a	n/a	n/a	n/a
Total	100% (69)	100% (55)	100% (122)	100% (91)	(n=9)	(n=4)	(n=1)	(n=1)

Note. Participants were excluded from this analysis if they (1) reported at pre-survey that they have never had sex, (2) gave “illogical” responses, (3) did not have a valid pair of surveys needed for comparison, or (4) reported “0” sex partners on the pair of surveys being compared.

OUTCOME GOAL FOUR: 50% of program participants will report an increase in condom use at 3 months and 6 months compared to pre-curriculum testing.

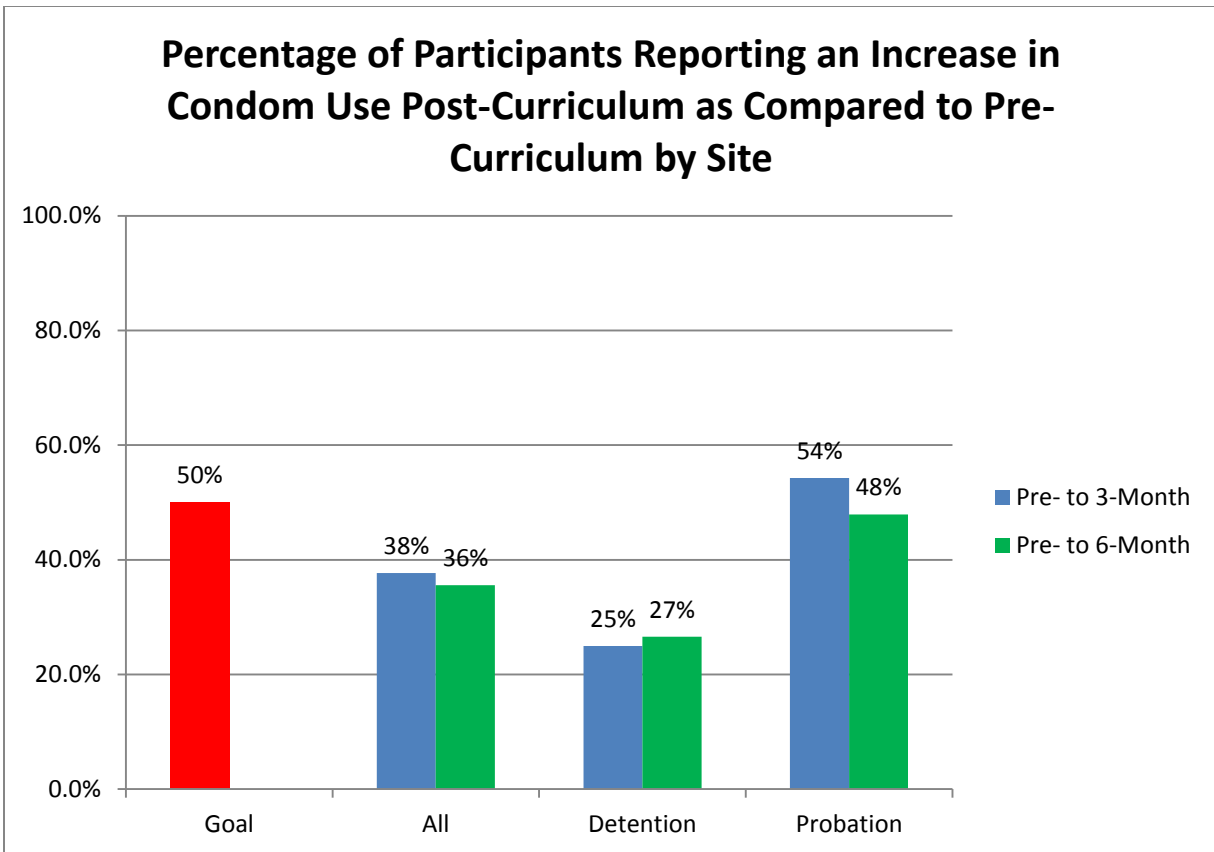
Goal Status: Analyses indicate that probation participants have met this goal at 3-months post-curriculum but not 6-months post-curriculum. Detention participants did not meet this goal at either post-curriculum time point. Site specific assessments of progress toward this goal are not available for Foster Care/SAFY and the City of Las Vegas because too few participants from these sites met the inclusion criteria necessary for individual analyses.

Detention: The reported frequency of condom use increased for:

- 25% of participants from pre-curriculum to 3-months post-curriculum
- 26.6% of participants from pre-curriculum to 6-months post-curriculum

Probation: The reported frequency of condom use increased for:

- 54.3% of participants from pre-curriculum to 3-months post-curriculum
- 47.9% of participants from pre-curriculum to 6-months post-curriculum



To assess this goal, the question “How often do you use condoms during sexual intercourse?” was asked on the pre-survey and on the 3- and 6-month follow-up surveys. Response options ranged from “Never” to “Always” with a total of 7 response options. For analysis, response options were recoded to a scale of 0 – 4 (0 = never use condoms, 4 = always use condoms). Interestingly, of all of the participants that completed the course and provided a valid answer to this question, 30.4% reported that they “Always” use condoms.

Participants were excluded from these analyses (1) if they reported at pre-survey that they have never had sex, (2) if their responses were “illogical” (i.e., stated that they had never had sex, but then answered several questions about their sexual history or stated on the pre-survey that they were sexually active but at follow-up reported that they had never had sex) (3) if they did not have a valid pre-, 3-, or 6-month follow-up survey score, and (4) if they reported on the pre-survey that they “Always” use condoms.

OUTCOME GOAL FIVE: 50% of program participants will report an increase in refusal skills as compared to pre-curriculum testing.

Goal Status: Participants that completed the course at detention and probation met this goal at all post-curriculum time points. Participants completing the course at Foster Care/SAFY did not meet this goal at post-survey and there were too few participants meeting the inclusion criteria from this site to analyze at 3-months and 6-months follow-up. A site specific assessment of progress toward this goal is not available for the City of Las Vegas because too few participants from this site met the inclusion criteria necessary for individual analyses.

Detention: The “refusal skills” score increased for:

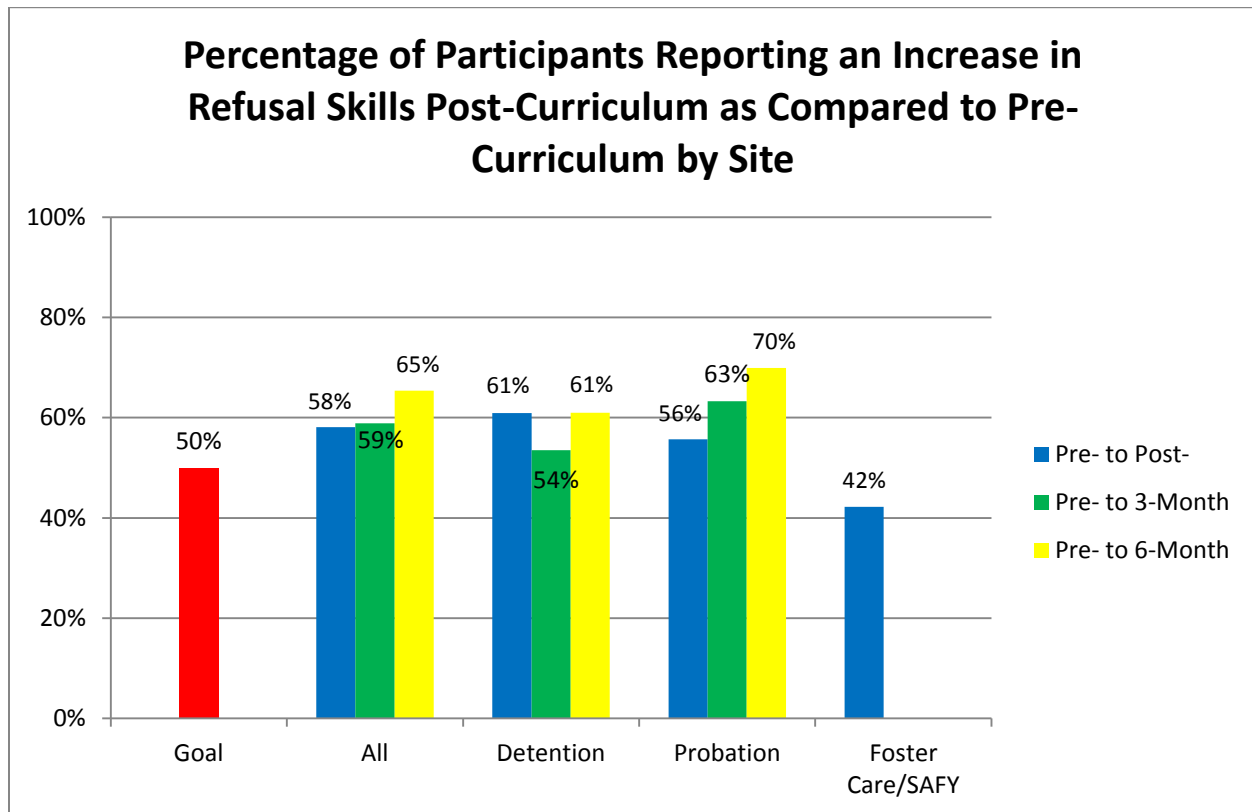
- 60.9% of participants from pre-survey to post-survey
- 53.5% of participants from pre-survey to 3-month follow-up survey
- 61.0% of participants from pre-survey to 6-month follow-up survey

Probation: The “refusal skills” score increased for:

- 55.7% of participants from pre-survey to post-survey
- 63.3% of participants from pre-survey to 3-month follow-up survey
- 69.9% of participants from pre-survey to 6-month follow-up survey

Foster Care/SAFY: The “refusal skills” score increased for:

- 42.2% of participants from pre-survey to post-survey
- Too few participants met the inclusion criteria necessary to be included in the analyses at 3- and 6-month follow-up



Refusal skills were assessed by using two questions administered on the pre-survey, post-survey, and the two follow-up surveys. These questions were:

1. How easy or hard would it be for you to say “no” to sex?

2. If your partner wanted to have sex, how easy or hard would it be for you to get your partner NOT to have sex?

To calculate a refusal score for each participant, responses to these two questions were added together and averaged for each participant. Final “refusal skills” scores ranged from 1 – 5 (1 = very hard to refuse sex, 5 = very easy to refuse sex). Participants were excluded from the analyses in measuring this goal if, at pre-survey, they had a refusal score of 5. These participants were excluded because their refusal score could not increase.

Table 5 depicts the percentage of participants whose intention to abstain score increased, did not change, and decreased from pre-survey to post-survey, 3-month follow-up, and 6-month follow-up for each site. Cells labeled “n/a” indicate that the sample was too small to report valid results.

Table 5. Change in Refusal Skills Score from Pre-Survey across Sites

	<i>Detention</i>			<i>Probation</i>			<i>Foster Care</i>			<i>City of Las Vegas</i>		
	<i>Post</i>	<i>3-Month</i>	<i>6-Month</i>	<i>Post</i>	<i>3-Month</i>	<i>6-Month</i>	<i>Post</i>	<i>3-Month</i>	<i>6-Month</i>	<i>Post</i>	<i>3-Month</i>	<i>6-Month</i>
Increase in Refusal Skills Score	60.9% (354)	53.5% (115)	61.0% (94)	55.7% (230)	63.3% (124)	69.9% (100)	42.2% (19)	n/a	n/a	n/a	n/a	n/a
No Change in Refusal Skills Score	23.1% (134)	20.9% (45)	18.8% (29)	27.6% (114)	20.4% (40)	18.2% (26)	35.6% (16)	n/a	n/a	n/a	n/a	n/a
Decrease in Refusal Skills Score	16.0% (93)	25.6% (55)	20.1% (31)	16.7% (69)	16.3% (32)	11.9% (17)	22.2% (10)	n/a	n/a	n/a	n/a	n/a
Total	100% (581)	100% (215)	100% (154)	100% (413)	100% (196)	100% (143)	100% (45)	n=22	n=15	n=6	n=5	n=3

Note. Participants were excluded from this analysis if their pre-survey refusal skills score was 5 (very easy to refuse sex).