Adolescent Pregnancy Prevention Project 2014-2015

INTRODUCTION

This is the final summary report for the Adolescent Pregnancy Prevention Project sponsored by the Maternal and Child Health Service (MCH) of the Oklahoma State Department of Health (OSDH). The curricula used for State Fiscal Year July 1, 2014 – June 30, 2015 were Making A Difference! An Abstinence Approach to Prevention of STDs, HIV and Teen Pregnancy and Making Proud Choices! A Safer-Sex Approach to HIV/STDs and Teen Pregnancy Prevention. Making a Difference is an evidence-based curriculum that offers students the knowledge, confidence, and skills necessary to reduce their risk of sexually transmitted diseases (STDs), the Human Immunodeficiency Virus (HIV), and pregnancy by abstaining from sex. Making Proud Choices is an evidence-based curriculum that provides young adolescents with the knowledge, confidence and skills necessary to reduce their risk of sexually transmitted diseases (STDs), HIV, and pregnancy by abstaining from sex or using condoms if they choose to have sex. Making Proud Choices is based on cognitive-behavioral theories, focus groups, and the curriculum developers’ extensive experience working with youth.

METHODS

Oklahoma has one of the highest teen birth rates in the nation. In an effort to reduce teen birth rates in Oklahoma, counties with the highest teen birth rates in the state were selected to participate in the Adolescent Pregnancy Prevention Project. The Adolescent Pregnancy Prevention Project offered participating schools three evidence-based curricula from which to choose: Making a Difference (MAD), Making Proud Choices (MPC), and Reducing the Risk (RTR). Prior to the implementation of curriculum in the classroom, each Adolescent Health Specialist (AHS) received permission from school administration to offer the curriculum. The AHS provided the school with consent forms to send home to the parent(s)/guardian(s), outlining the purpose and scope of the curriculum. Additionally, the AHS held a parent night meeting in the community at which time parents could view the curriculum materials and have any questions or concerns addressed. The parent(s)/guardian(s) can choose whether or not their child will participate in the project as well as the entry and exit surveys. Additionally, the
student can choose to complete the survey, skip survey questions that make them feel uncomfortable, and can stop participating at any time during the project.

**Entry and Exit Surveys**

Program participants were given an Entry Survey prior to curriculum instruction and an Exit Survey after curriculum instruction. Due to the sensitive nature of some of the questions, only students in grades 9-12 were given the Entry Survey. All students, regardless of age or grade, were given the Exit Survey. Participation in the Entry and Exit Surveys was voluntary.

**Participants**

The curricula were implemented in 14 schools. There were 535 participants that attended at least one program session and 407 (76%) that attended 75% or more of the program sessions (Table 1). Of the 535 who attended at least one program session, 517 (96%) were presented the MAD curriculum and 18 (4%) were presented the MPC curriculum.

<table>
<thead>
<tr>
<th></th>
<th>Attended at Least 1 Session</th>
<th>Attended at Least 75% of Program Sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAD</td>
<td>517</td>
<td>396</td>
</tr>
<tr>
<td>MPC</td>
<td>18</td>
<td>11</td>
</tr>
<tr>
<td>TOTAL</td>
<td>535</td>
<td>407</td>
</tr>
</tbody>
</table>

Table 1. Program Participants by Curriculum: Adolescent Health Pregnancy Prevention Project 2014-2015

Only 43 participants completed the Entry Survey, which was likely due to the Entry Survey only being offered to students in grades 9-12, whom comprised less than 15% of program participants. Among those who completed the Entry Survey, 48.8% were male and 51.2% were female, more than half were in the 9th grade, and one-third were in 10th grade (Table 2). Nearly half of the participants were White (48.8%), followed by Native Americans, persons of Multiple Races, and Hispanics.
Three hundred fifty-one program participants completed the Exit Survey, among which 51.4% were male and 48.6% were female. Seventh and eighth graders comprised the majority of participants at 43% and 41%, respectively. Whites comprised less than half of participants at 44.4%, followed by Native Americans, Hispanics, and persons of Multiple Races.

Table 2. Demographic Characteristics of Participants: Adolescent Pregnancy Prevention Project 2014-2015

<table>
<thead>
<tr>
<th>Demographic Characteristic</th>
<th>Entry Survey</th>
<th>Exit Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender</td>
<td>n</td>
<td>%</td>
</tr>
<tr>
<td>Male</td>
<td>21</td>
<td>48.8</td>
</tr>
<tr>
<td>Female</td>
<td>22</td>
<td>51.2</td>
</tr>
<tr>
<td>Grade</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6th</td>
<td>12</td>
<td>3.4</td>
</tr>
<tr>
<td>7th</td>
<td>150</td>
<td>43.0</td>
</tr>
<tr>
<td>8th</td>
<td>144</td>
<td>41.3</td>
</tr>
<tr>
<td>9th</td>
<td>22</td>
<td>51.2</td>
</tr>
<tr>
<td>10th</td>
<td>14</td>
<td>32.6</td>
</tr>
<tr>
<td>11th</td>
<td>6</td>
<td>13.9</td>
</tr>
<tr>
<td>12th</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>5</td>
<td>1.6</td>
</tr>
<tr>
<td>Black</td>
<td>31</td>
<td>8.8</td>
</tr>
<tr>
<td>Hispanic</td>
<td>5</td>
<td>11.6</td>
</tr>
<tr>
<td>Multiple Races</td>
<td>8</td>
<td>18.6</td>
</tr>
<tr>
<td>Native American</td>
<td>9</td>
<td>20.9</td>
</tr>
<tr>
<td>White</td>
<td>21</td>
<td>48.8</td>
</tr>
</tbody>
</table>

*Total | 43 | 100 | 351 | 100

(-) Data not shown due to small numbers

On the Exit Survey one record was missing for gender and two were missing for grade.
RESULTS
The following results are from the Entry Survey. Percentages may not sum to 100% due to rounding. Results for questions 1-5 and 7 are given in Table 1. For questions 8a-8d: In the past three months, how often would you say you...

Q8a. Cared about doing well in school?

Q8b. Shared ideas or talked about things that really matter with a parent/guardian?
Q8c. Resisted or said no to peer pressure?

- None of the time: 16.30%
- Some of the time: 25.60%
- Most of the time: 25.60%
- All of the time: 32.60%

Q8d. Managed conflict without causing more conflict?

- None of the time: 11.6%
- Some of the time: 32.6%
- Most of the time: 34.9%
- All of the time: 20.9%
The next seven questions ask about sexual intercourse and your risk of pregnancy and sexually transmitted diseases. Those who answered “no” to question 10 skipped questions 11-15.

**Q9. If you have the chance, do you intend to have sexual intercourse in the next 6 months?**

- No, definitely not: 23.3%
- No, probably not: 39.5%
- Yes, probably: 32.6%
- Yes, definitely: 4.6%

**Q10. Have you ever had sexual intercourse?**

- Yes: 50.0%
- No: 50.0%
Q11. To the best of your knowledge, have you ever been pregnant or gotten someone else pregnant, even if no child was born?

- Yes: 15.8%
- No: 84.2%

Q12. To the best of your knowledge, how many times have you been pregnant or gotten someone pregnant?

- I have never been pregnant or gotten someone pregnant: 15.8%
- 1 or more times: 84.2%
Q13. In the past 3 months, with how many people did you have sexual intercourse, even if only one time?

Q14. When you had sexual intercourse in the past 3 months, how often did you or a partner use birth control?
For questions 16a-16d: In the past three months, how often would you say you...

**Q15. When you had sexual intercourse in the past 3 months, how often did you or a partner use a condom?**

- None of the time: 38.5%
- Some of the time: 7.7%
- Most of the time: 15.4%
- All of the time: 38.5%

**Q16a. Knew how to manage stress?**

- None of the time: 6.9%
- Some of the time: 39.5%
- Most of the time: 37.2%
- All of the time: 16.3%
Q16b. Managed money carefully?

- None of the time: 4.6%
- Some of the time: 18.6%
- Most of the time: 53.5%
- All of the time: 23.3%

Q16c. Had friendships that kept you out of trouble?

- None of the time: 4.6%
- Some of the time: 25.5%
- Most of the time: 27.9%
- All of the time: 41.8%
The following are the results from the Exit Survey. Percentages may not sum to 100% due to rounding. For questions 7a-7m: Please think about how the program that you just completed has affected you. Even if your program did not cover a topic, would you say that being in the program has made you more likely, about the same, or less likely to...

Q16d. Were respectful towards others?

Q7a. Resist or say no to peer pressure?
Q7b. Know how to manage stress?

- Much less likely: 6.6%
- Somewhat less likely: 5.4%
- About the same: 39.1%
- Somewhat more likely: 28.6%
- Much more likely: 20.3%

Q7c. Manage conflict without causing more conflict?

- Much less likely: 8.6%
- Somewhat less likely: 6.9%
- About the same: 34.1%
- Somewhat more likely: 28.1%
- Much more likely: 22.4%
6.3
4.6
26.3
23.7
39.1

Q7d. Form friendships that keep you out of trouble?

Much less likely | Somewhat less likely | About the same | Somewhat more likely | Much more likely
--- | --- | --- | --- | ---
6.3% | 4.6% | 26.3% | 23.7% | 39.1%

Q7e. Be respectful toward others?

Much less likely | Somewhat less likely | About the same | Somewhat more likely | Much more likely
--- | --- | --- | --- | ---
3.7% | 1.7% | 27.7% | 20.0% | 46.9%
Q7f. Make plans to reach your goals?

<table>
<thead>
<tr>
<th>Likelihood</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Much less likely</td>
<td>2.6</td>
</tr>
<tr>
<td>Somewhat less likely</td>
<td>2.0</td>
</tr>
<tr>
<td>About the same</td>
<td>16.0</td>
</tr>
<tr>
<td>Somewhat more likely</td>
<td>19.4</td>
</tr>
<tr>
<td>Much more likely</td>
<td>60.1</td>
</tr>
</tbody>
</table>

Q7g. Care about doing well in school?

<table>
<thead>
<tr>
<th>Likelihood</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Much less likely</td>
<td>3.4</td>
</tr>
<tr>
<td>Somewhat less likely</td>
<td>2.0</td>
</tr>
<tr>
<td>About the same</td>
<td>19.7</td>
</tr>
<tr>
<td>Somewhat more likely</td>
<td>23.7</td>
</tr>
<tr>
<td>Much more likely</td>
<td>51.1</td>
</tr>
</tbody>
</table>
Q7h. Get a steady job after you finish school?

- Much less likely: 2.3%
- Somewhat less likely: 1.1%
- About the same: 20.8%
- Somewhat more likely: 20.8%
- Much more likely: 55.0%

Q7i. Share ideas or talk about things that really matter with a parent/guardian?

- Much less likely: 5.7%
- Somewhat less likely: 7.4%
- About the same: 29.3%
- Somewhat more likely: 23.7%
- Much more likely: 33.9%
Q7j. Make healthy decisions about drugs and alcohol?

- Much less likely: 2.9%
- Somewhat less likely: 2.0%
- About the same: 18.6%
- Somewhat more likely: 15.5%
- Much more likely: 61.0%

Q7k. Get more education after school?

- Much less likely: 3.4%
- Somewhat less likely: 2.6%
- About the same: 24.3%
- Somewhat more likely: 21.7%
- Much more likely: 48.0%
Q7l. Manage money more carefully, such as making a budget, saving, or investing?

<table>
<thead>
<tr>
<th>Percent</th>
<th>Much less likely</th>
<th>Somewhat less likely</th>
<th>About the same</th>
<th>Somewhat more likely</th>
<th>Much more likely</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.6</td>
<td>2.6</td>
<td>25.1</td>
<td>22.6</td>
<td>47.1</td>
</tr>
</tbody>
</table>

Q7m. Be the best that you can be?

<table>
<thead>
<tr>
<th>Percent</th>
<th>Much less likely</th>
<th>Somewhat less likely</th>
<th>About the same</th>
<th>Somewhat more likely</th>
<th>Much more likely</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.1</td>
<td>2.0</td>
<td>20.9</td>
<td>16.9</td>
<td>57.1</td>
</tr>
</tbody>
</table>
For questions 8a-8d: The next few questions refer to sexual intercourse and your risk of pregnancy and sexually transmitted diseases. Please respond, even if you are not planning on having sex in the next 6 months. Would you say that being in the program has made you more likely, about the same, or less likely to…

**Q8a. Have sexual intercourse in the next 6 months?**

- Much less likely: 63.3%
- Somewhat less likely: 10.4%
- About the same: 14.2%
- Somewhat more likely: 5.8%
- Much more likely: 6.4%

**Q8b. Use (or ask your partner to use) any method of birth control, if you were to have sexual intercourse in the next 6 months?**

- I will abstain: 49.3%
- Much less likely: 6.3%
- Somewhat less likely: 2.1%
- About the same: 8.7%
- Somewhat more likely: 7.2%
- Much more likely: 26.4%
Q8c. Use (or ask your partner to use) a condom if you were to have sexual intercourse in the next 6 months?

Q8d. Abstain from sexual intercourse (choose not to have sex) in the next 6 months?
For questions 9a-9f: The next questions ask you about your experiences in the program that you just completed. Think about all of the sessions or classes of the program that you attended. Even if you did not attend all of the sessions or classes in this program, how often in this program...

**Q9a. Did you feel interested in program sessions and classes?**

- None of the time: 5.8%
- A little of the time: 9.8%
- Some of the time: 24.7%
- Most of the time: 34.8%
- All of the time: 25.0%

**Q9b. Did you feel the material presented was clear?**

- None of the time: 2.3%
- A little of the time: 4.0%
- Some of the time: 13.2%
- Most of the time: 35.5%
- All of the time: 45.0%
Q9c. Did discussions or activities help you to learn program lessons?

Q9d. Did you feel respected as a person?
Q9e. Were you picked on, teased, or bullied in this program?

- None of the time: 80.5%
- A little of the time: 6.9%
- Some of the time: 4.9%
- Most of the time: 3.2%
- All of the time: 4.6%

Q9f. Did you have a chance to ask questions about topics or issues that came up in the program?

- None of the time: 5.7%
- A little of the time: 6.3%
- Some of the time: 11.2%
- Most of the time: 21.2%
- All of the time: 55.6%
For questions 10a-10b: Now thinking about all youth in this program, how often...

Q10a. Were youth in this program picked on, teased, or bullied because people thought they were lesbian, gay, bisexual, or transgender?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the time</td>
<td>76.2%</td>
</tr>
<tr>
<td>A little of the time</td>
<td>9.5%</td>
</tr>
<tr>
<td>Some of the time</td>
<td>5.7%</td>
</tr>
<tr>
<td>Most of the time</td>
<td>5.4%</td>
</tr>
<tr>
<td>All of the time</td>
<td>3.2%</td>
</tr>
</tbody>
</table>

Q10b. Were youth in this program picked on, teased, or bullied because of their race or ethnic background?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the time</td>
<td>82.2%</td>
</tr>
<tr>
<td>A little of the time</td>
<td>5.5%</td>
</tr>
<tr>
<td>Some of the time</td>
<td>7.8%</td>
</tr>
<tr>
<td>Most of the time</td>
<td>3.5%</td>
</tr>
<tr>
<td>All of the time</td>
<td>1.2%</td>
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</table>
Limitations

Data for this report come from participant responses to an Entry Survey prior to curriculum instruction and an Exit Survey after curriculum instruction. Participant responses in the Entry Survey are not linked to their responses in the Exit Survey. The results of this report are not intended to measure the efficacy of the curriculum implemented. No control or comparison groups were used; therefore, any changes noted in the results cannot be attributed conclusively to the curriculum instruction but instead only reflect change that took place over the implementation period based on self-reporting by the program participants. Conversely, lack of changes observed does not signify failure of the curriculum to produce intended results. Results cannot be generalized to broader Oklahoma school populations or to greater student populations within schools that received curriculum instruction. Additionally, despite measures taken to ensure the participants of confidentiality and anonymity, participants may report socially desirable behaviors or attitudes instead of actual behaviors or attitudes due to the presence of adults in the classroom or fear of having their responses known by others.