



**PMSEI v4.2 Data Results  
11 & Younger  
Fiscal Year 2010-2015  
Affiliate: Gunnison Valley Mentors**

This document reflects findings from the Partners Mentoring Services Evaluation Index (PMSEI) 11 and younger version. OMNI has provided these findings so that the Partners Mentoring Association (PMA) affiliates can better understand their program's progress.

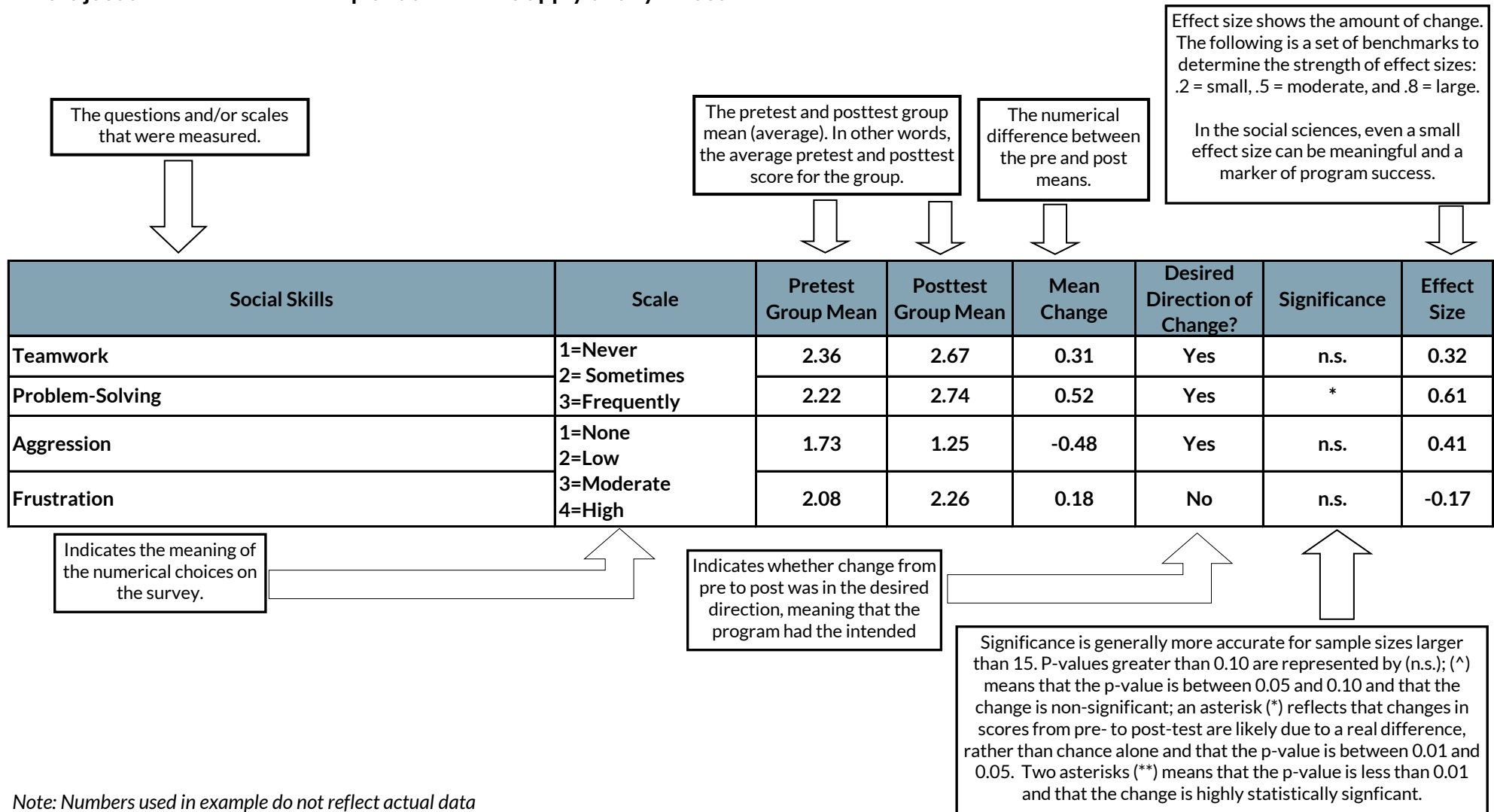
When reviewing your data you should pay close attention to the last column, which is the *Effect Size*. Effect size shows the magnitude of a program effect. The following is a set of benchmarks to determine the strength of effect sizes: .20 = small, .50 = moderate, and .80 or above = large. In the social sciences, even a small effect size can be meaningful and a marker of program success.

Results from paired samples *t* tests are included in this report to determine if the difference between matched pre- and post-survey responses is statistically significant. Statistical significance is calculated by finding the probability-value (*p*-value), which is the probability that the observed difference between responses is due to chance. A *p*-value of .05 indicates there is a 5% (i.e., low) probability that the observed difference between responses is due to chance. *P*-values range from 0.0 to 1.0 and it is standard in the social sciences to consider a *p*-value of less than or equal to .05 as significant. Since results from this test are not as reliable if the sample size is small, results from significance analyses are not included if there are 15 or fewer matched pre-/post-surveys. Out of respect for client confidentiality, no results are provided if there are 5 or fewer matched pre/post surveys.

The following page is intended to provide a simple map for understanding your results in the data tables. If you have further questions, please contact April Hendrickson at x 174 (ahendrickson@omni.org).

## Understanding the Data Tables

This is just an *EXAMPLE*. The explanation boxes apply to any measure.



**Affiliate: Gunnison Valley Mentors**

**Data Results from: 2010-2015**

**Measurement Tool: PMSEI 4.2- 11 & Younger**

**Number of Matched Pre and Post Tests (n): 82**

**Demographic Information**

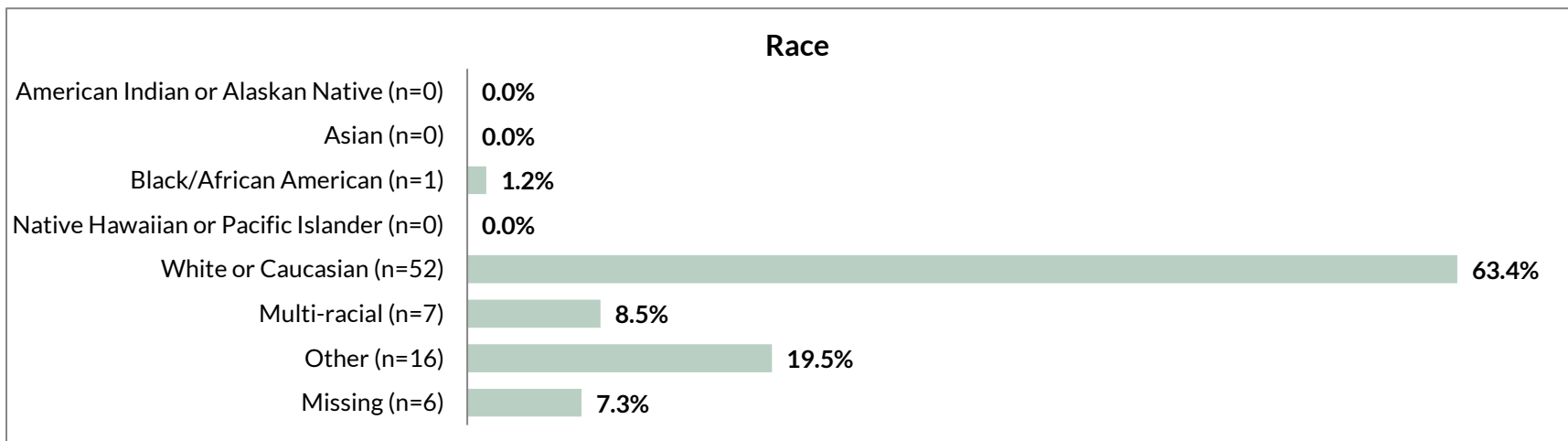
Demographic information is from participants' responses at pre-test (age & gender) or across multiple assessment instruments (ethnicity & race).

<b>Age at Pre-test (in years; n = 70, missing n = 12)</b>	
Age Range	5.75-11.27
Mean Age	8.6

\*Age is calculated based on the Date Completed and Birth Date provided on the PMSEI and is therefore dependent on the accuracy of information provided for these two items.

<b>Gender</b>	<b>n</b>	<b>% of Total N</b>
Males	39	47.6%
Females	43	52.4%
Missing	0	0.0%

<b>Ethnicity</b>	<b>n</b>	<b>% of Total N</b>
Of Hispanic, Latino or Spanish origin	46	56.1%
Not of Hispanic, Latino or Spanish origin	28	34.1%
Missing or Not Collected	8	9.8%



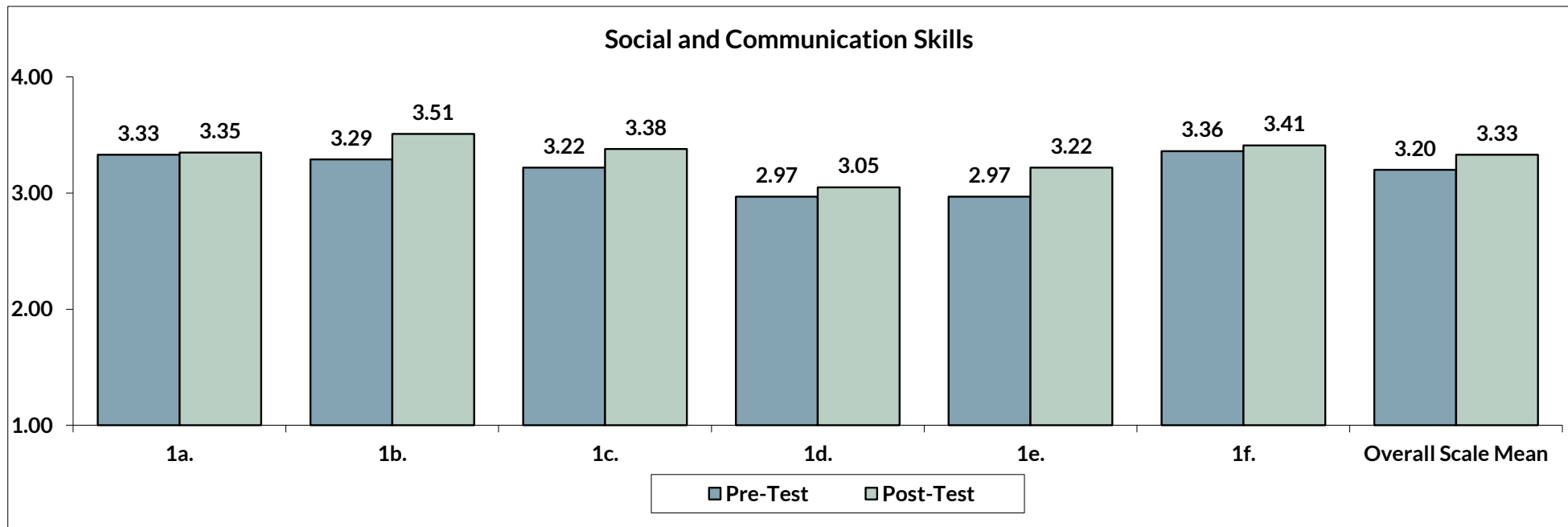
**Affiliate: Gunnison Valley Mentors**

**Program Effects**

You'd like to see an **increase in the mean** from pre to post-test, which indicates youth have *greater social and communication skills*.

Social and Communication Skills	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
1a. I understand how other people feel.	1 = Strongly Disagree 2 = Disagree 3 = Agree 4 = Strongly Agree	3.33	3.35	0.02	Yes	n.s.	0.03
1b. I get along with other people.		3.29	3.51	0.22	Yes	*	0.37
1c. I listen to what other people say.		3.22	3.38	0.16	Yes	^	0.27
1d. I let other people know how I feel.		2.97	3.05	0.08	Yes	n.s.	0.09
1e. I am good at working out problems or arguments with other people.		2.97	3.22	0.25	Yes	*	0.33
1f. I am good at working with other people on a team or on a group project.		3.36	3.41	0.05	Yes	n.s.	0.07
<b>Social and Communications Skills Overall Mean</b>		<b>3.20</b>	<b>3.33</b>	<b>0.13</b>	<b>Yes</b>	<b>*</b>	<b>0.30</b>

\* indicates difference is statistically significant ( $p < .05$ ); ^ indicates difference is approaching significance ( $p > .05, < .10$ ); n.s. indicates difference is not statistically significant



**Affiliate: Gunnison Valley Mentors**

**Program Effects**

You'd like to see an **increase in the mean** from pre to post-test, which indicates youth have *higher self-esteem*.

Self-Esteem	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
2a. I feel I am a good person.	1 = Strongly Disagree	3.42	3.62	0.20	Yes	*	0.34
2b. I have much to be proud of.	2 = Disagree	3.29	3.52	0.23	Yes	*	0.38
2c. I feel that I have a number of good qualities.	3 = Agree	3.25	3.43	0.18	Yes	*	0.30
2d. I am able to do things as well as most other people.	4 = Strongly Agree	3.01	3.24	0.23	Yes	*	0.32
2e. I feel useless at times.	1 = Strongly Agree 2 = Agree 3 = Disagree 4 = Strongly Disagree	2.24	2.49	0.25	Yes	n.s.	0.28
<b>Self-Esteem Overall Mean (Scale was not able to be analyzed due to low internal consistency for this age group)</b>							

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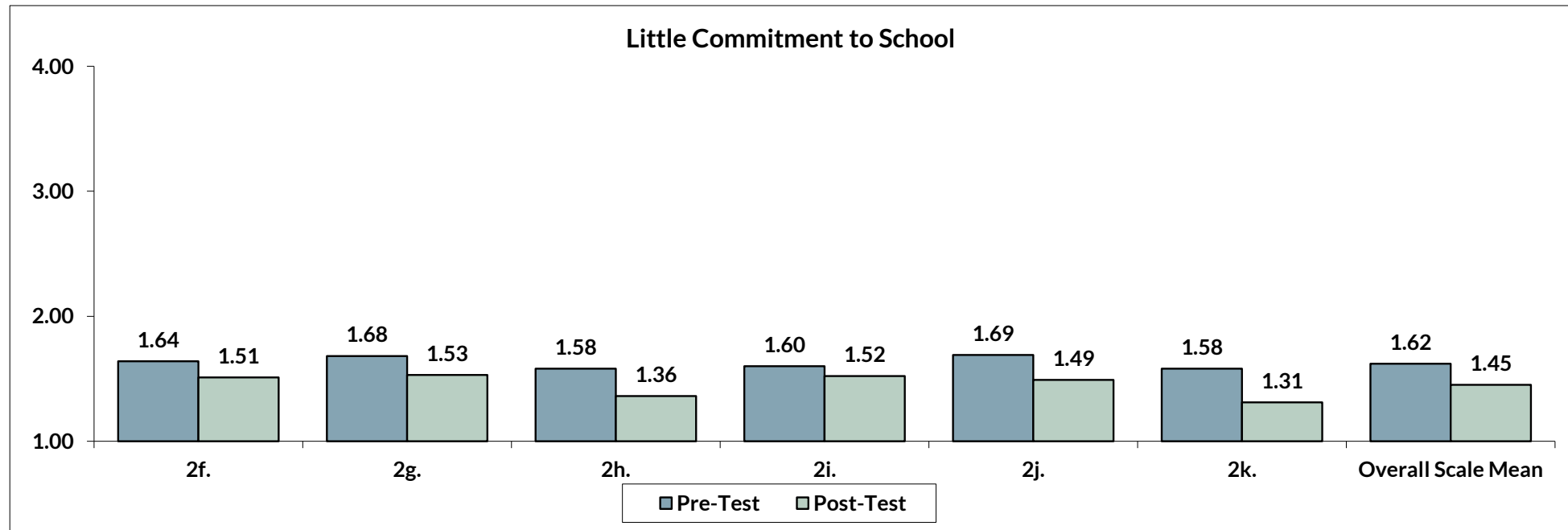
**Affiliate: Gunnison Valley Mentors**

**Program Effects**

You'd like to see a decrease in the mean from pre to post-test, which indicates youth have *more commitment to school*.

Little Commitment to School	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
2f. I enjoy being in school.	1 = Strongly Agree	1.64	1.51	-0.13	Yes	n.s.	-0.17
2g. I care if my homework is done correctly.		1.68	1.53	-0.15	Yes	n.s.	-0.22
2h. I try to do my best in school.	2 = Agree	1.58	1.36	-0.22	Yes	*	-0.34
2i. I pay attention to what my teachers are saying.	3 = Disagree	1.60	1.52	-0.08	Yes	n.s.	-0.13
2j. It matters to me what my grades are.		1.69	1.49	-0.20	Yes	^	-0.30
2k. What I learn in school will be important later in life.	4 = Strongly Disagree	1.58	1.31	-0.27	Yes	*	-0.41
<b>Little Commitment to School Overall Mean</b>		<b>1.62</b>	<b>1.45</b>	<b>-0.17</b>	<b>Yes</b>	<b>*</b>	<b>-0.41</b>

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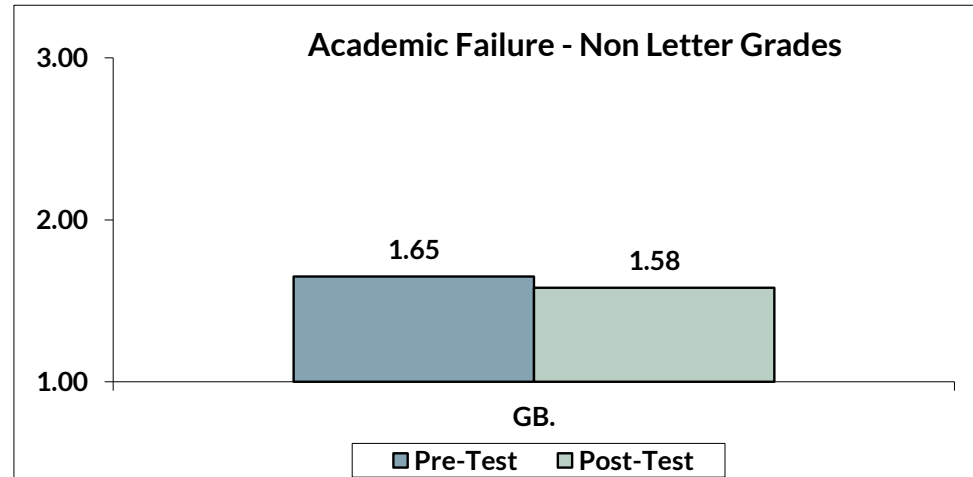
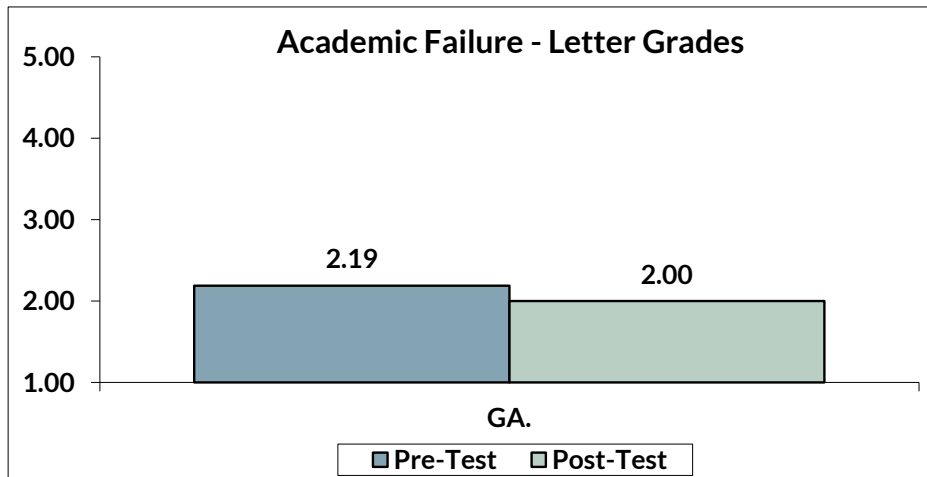
**Affiliate: Gunnison Valley Mentors**

**Program Effects**

You'd like to see a **decrease in the mean** from pre to post-test which indicates youth are *less likely to fail academically*.

Academic Failure	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
GA. Putting them all together, what were you grades like in school last year?	1 = Mostly A's 2 = Mostly B's 3 = Mostly C's 4 = Mostly D's 5 = Mostly F's	2.19	2.00	-0.19	Yes	n.s.	-0.29
GB. Putting them all together, what were you grades or marks like in school last year?	1 = Almost all high grades/marks 2 = Some high grades/marks and some low grades/marks 3 = Almost all low grades/marks	1.65	1.58	-0.07	Yes	n.s.	-0.13

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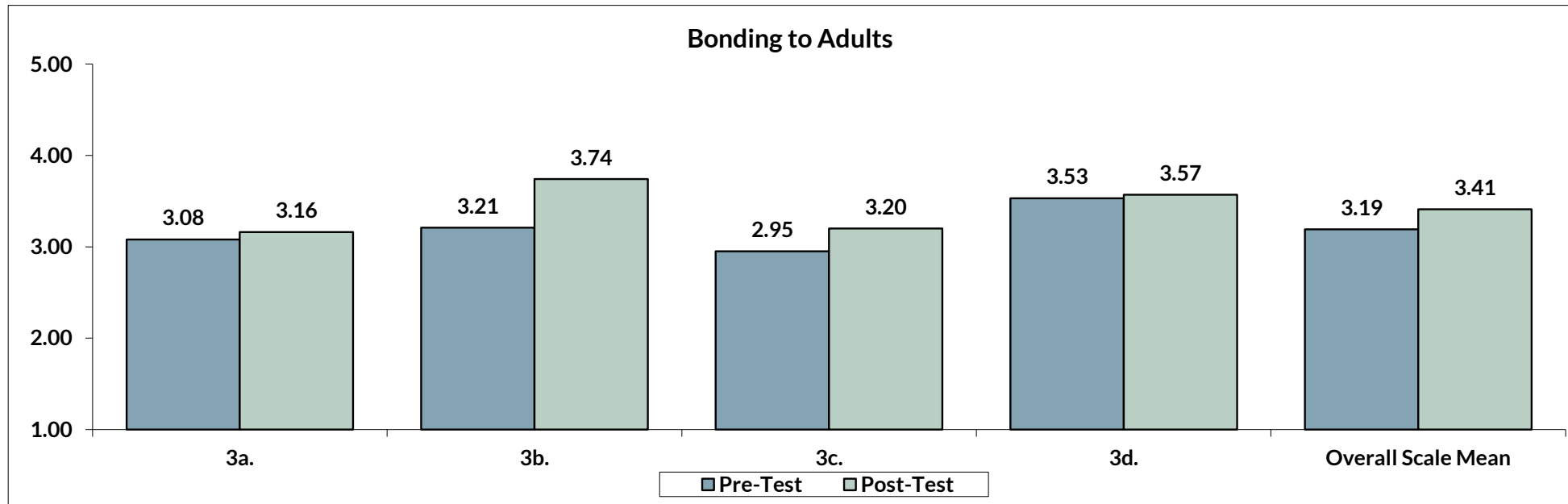
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**Program Effects**

You'd like to see an **increase in the mean** from pre to post-test, which indicates youth are *bonding to adults*.

Bonding to Adults	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
3a. How much time do you generally spend with adults who are not your parents or relatives?	1 = Very Little/None 2 = Not Too Much 3 = Some 4 = Quite a Bit 5 = A Great Deal	3.08	3.16	0.08	Yes	n.s.	0.06
3b. How much support and encouragement have you received from adults who are not your parents or relatives?		3.21	3.74	0.53	Yes	*	0.44
3c. How close or attached are you to adults who are not your parents or relatives?		2.95	3.20	0.25	Yes	n.s.	0.20
3d. How much loyalty do you have for adults who are not your parents or relatives?		3.53	3.57	0.04	Yes	n.s.	0.03
<b>Bonding to Adults Overall Mean</b>		<b>3.19</b>	<b>3.41</b>	<b>0.22</b>	<b>Yes</b>	<b>^</b>	<b>0.25</b>

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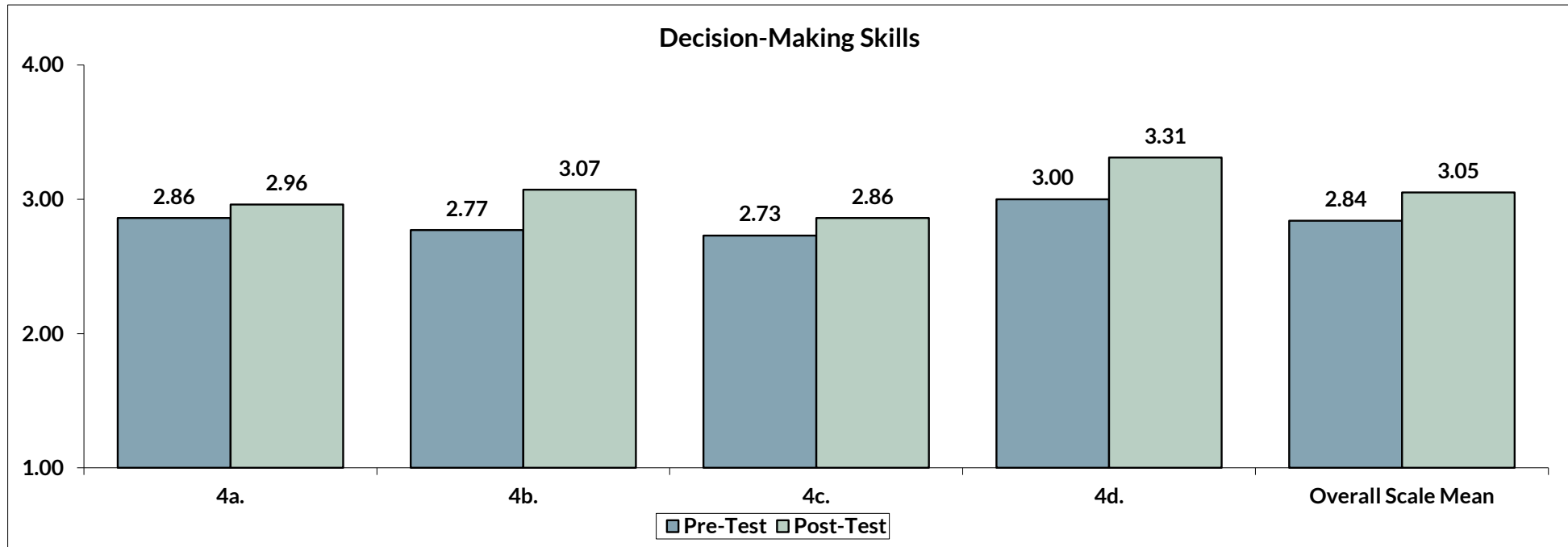
Affiliate: Gunnison Valley Mentors

Program Effects

You'd like to see an **increase in the mean** from pre to post-test, which indicates youth have *greater decision making skills*.

Decision-Making Skills	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
4a. How often do you stop to think about your options before you make a decision?	1 = Never 2 = Sometimes, but Not Often 3 = Often 4 = All of the Time	2.86	2.96	0.10	Yes	n.s.	0.12
4b. How often do you stop to think about how your decisions may affect others' feelings?		2.77	3.07	0.30	Yes	*	0.35
4c. How often do you stop to think about all the things that may happen as a result of your decisions?		2.73	2.86	0.13	Yes	n.s.	0.14
4d. How often do you feel you make good decisions?		3.00	3.31	0.31	Yes	*	0.40
<b>Decision-Making Skills Overall Mean</b>		<b>2.84</b>	<b>3.05</b>	<b>0.21</b>	<b>Yes</b>	<b>*</b>	<b>0.36</b>

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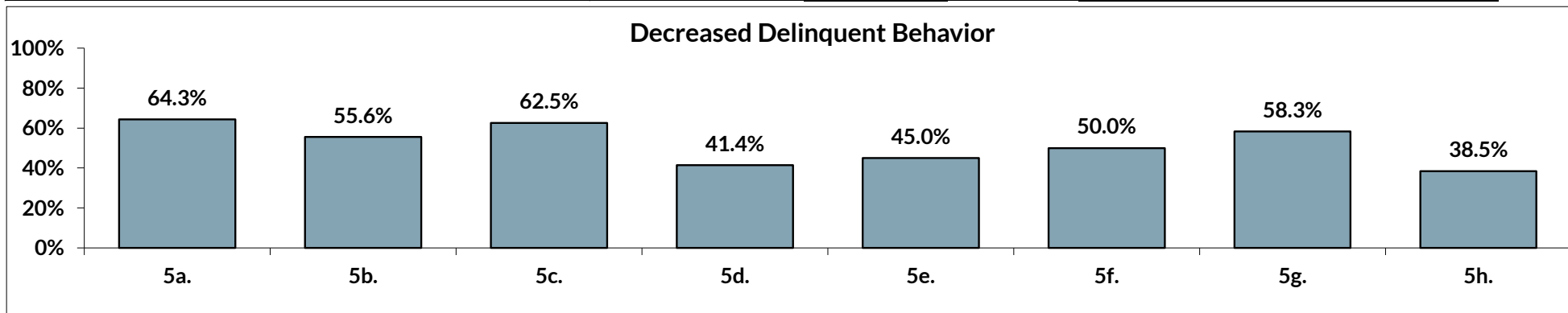


**Affiliate: Gunnison Valley Mentors  
Program Effects**

You'd like to see a high proportion with *no delinquent* behavior at pre or post and a high proportion with *decreased* delinquency from pre- to post-test.

Note: *Decreased, no change, and increased* rates are only applicable to those that who reported delinquent behavior at either time point.

Individual Delinquency	Scale	No Delinquent Behavior at Pre or Post	Delinquent Behavior at Pre or Post		
			Decreased delinquency	No Change	Increased delinquency
5a. During the past year, how many times have you stolen something from a store?	1 = 0 times 2 = 1-2 times 3 = 3-5 times 4 = 6-9 times 5 = 10 or more times	79.7%	64.3%	0.0%	35.7%
5b. During the past year, how many times have you stolen something from another person?		76.3%	55.6%	5.6%	38.9%
5c. During the past year, how many times have you snuck into someplace without paying, or without permission, like the movies or a bus?		89.2%	62.5%	0.0%	37.5%
5d. During the past year, how many times have you hit or threatened to hit someone?		60.3%	41.4%	13.8%	44.8%
5e. During the past year, how many times have you gone out at night when your parents told you that you couldn't?		74.4%	45.0%	0.0%	55.0%
5f. During the past year, how many times have you been on suspension?		86.5%	50.0%	0.0%	50.0%
5g. During the past year, how many times have you cheated on a test?		83.6%	58.3%	8.3%	33.3%
5h. During the past year, how many times have you skipped school or a class?		82.4%	38.5%	7.7%	53.8%

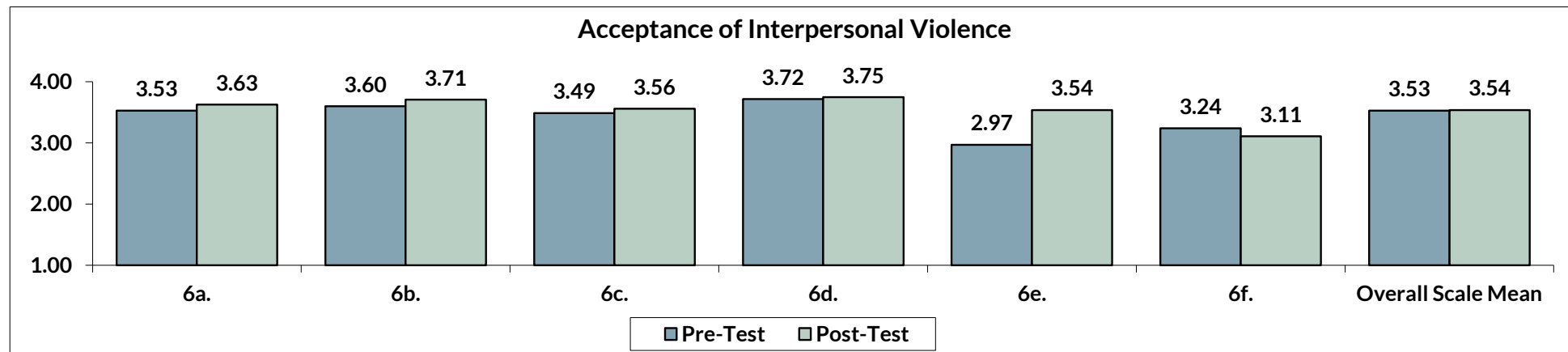


**Affiliate: Gunnison Valley Mentors  
Program Effects**

You'd like to see an **increase in the mean** from pre to post-test, which indicates *a reduction in acceptance of violence against others*.

Acceptance of Interpersonal Violence	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
6a. It is all right to physically beat up people who call you names.	1 = Strongly Agree 2 = Agree 3 = Disagree 4 = Strongly Disagree	3.53	3.63	0.10	Yes	n.s.	0.13
6b. It is ok to steal something knowing that the victim's insurance will pay for it.		3.60	3.71	0.11	Yes	n.s.	0.17
6c. If people do something to make you really mad, they deserve to be beaten up.		3.49	3.56	0.07	Yes	n.s.	0.09
6d. It is ok to rob someone for money in order to buy food.		3.72	3.75	0.03	Yes	n.s.	0.05
6f. Sometimes you have to commit crimes in order to survive.		3.24	3.11	-0.13	No	*	-0.12
6e. You should never beat up another person.	1 = Strongly Disagree 2 = Disagree 3 = Agree 4 = Strongly Agree	2.97	3.54	0.57	Yes	n.s.	0.57
<b>Acceptance of Interpersonal Violence Overall Mean (excludes item 6e)</b>		<b>3.53</b>	<b>3.54</b>	<b>0.01</b>	<b>Yes</b>	<b>n.s.</b>	<b>0.02</b>

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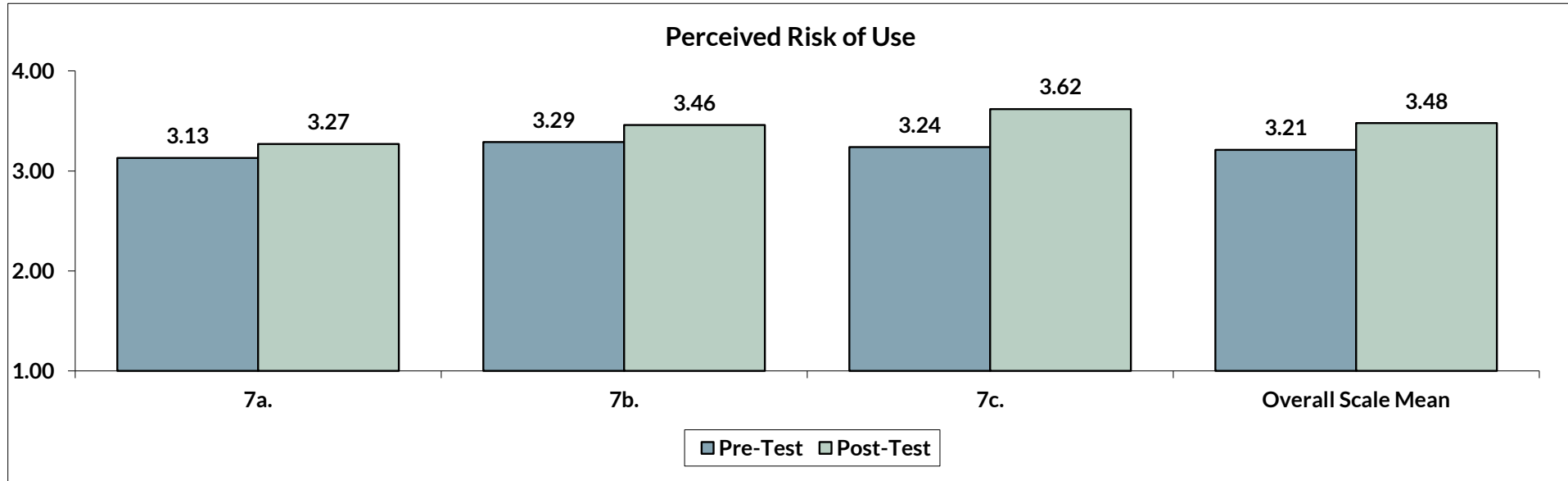


**Affiliate: Gunnison Valley Mentors  
Program Effects**

You'd like to see a **increase in the mean** from pre- to post-test, which indicates youth have *increased their perception of the risk of ATOD use*.

Perceived Risk of Use	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
7a. How much do you think people risk harming themselves (physically or in other ways) if they have five or more alcoholic drinks once or twice a week?	1 = No Risk 2 = Slight Risk 3 = Moderate Risk 4 = Great Risk	3.13	3.27	0.14	Yes	n.s.	0.12
7b. How much do you think people risk harming themselves (physically or in other ways) if they smoke one or more packs of cigarettes per day?		3.29	3.46	0.17	Yes	n.s.	0.17
7c. How much do you think people risk harming themselves (physically or in other ways) if they smoke marijuana once or twice a week?		3.24	3.62	0.38	Yes	^	0.37
<b>Perceived Risk of Use Overall Mean</b>		<b>3.21</b>	<b>3.48</b>	<b>0.27</b>	<b>Yes</b>	<b>n.s.</b>	<b>0.26</b>

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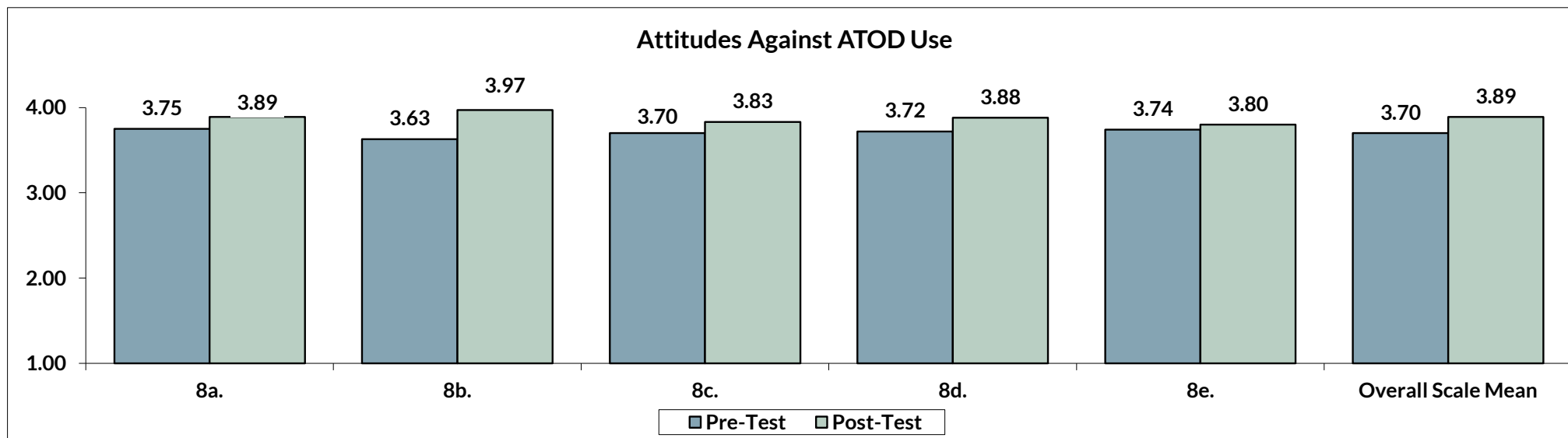


**Affiliate: Gunnison Valley Mentors  
Program Effects**

You'd like to see a **increase in the mean** from pre- to post-test, which indicates youth have *increased their disapproval of ATOD use*.

Attitudes Against ATOD Use	Scale	Pretest Group Mean	Posttest Group Mean	Mean Change	Desired Direction of Change?	Significance	Effect Size
8a. How do you feel about someone your age smoking one or more packs of cigarettes a day?	1 = Approve; Think it's OK 2 = Neither Approve nor Disapprove 3 = Somewhat Disapprove 4 = Strongly Disapprove	3.75	3.89	0.14	Yes	^	0.27
8b. How do you think your close friends would feel about you smoking one or more packs of cigarettes a day?		3.63	3.97	0.34	Yes	*	0.65
8c. How do you feel about someone your age trying marijuana once or twice?		3.70	3.83	0.13	Yes	n.s.	0.22
8d. How do you feel about someone your age using marijuana once a month or more?		3.72	3.88	0.16	Yes	n.s.	0.29
8e. How do you feel about someone your age having one or two drinks of an alcoholic beverage nearly every day?		3.74	3.80	0.06	Yes	n.s.	0.09
<b>Attitudes Against ATOD Use Overall Mean</b>		<b>3.70</b>	<b>3.89</b>	<b>0.19</b>	<b>Yes</b>	<b>*</b>	<b>0.39</b>

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**Affiliate: Gunnison Valley Mentors  
Program Effects**

**Talking with Parents**

Participants were asked to respond at pre- and post-test to the question below about talking with parents. The desired outcome is to have the highest percentages of participants respond Yes at post-test—the top two rows below. Of the participants who responded to this question at both pre- and post-test:

Q23: During the past 12 months, have you talked with at least one of your parents about the dangers of tobacco, alcohol, or other drug use?

15 (37%) said Yes at both pre- and post-test, indicating they had talked with their parents in the 12 months prior to pre- and post-test.

14 (34%) said No at pre-test but Yes at post-test, indicating they had not talked with their parents in the 12 months prior to pre-test, but they did talk with their parents prior to post-test.

3 (7%) said Yes at pre-test but No at post-test, indicating they had talked with their parents in the 12 months prior to pre-test, but they did not talk with their parents prior to post-test.

9 (22%) said No at both pre- and post-test, indicating they had not talked with their parents in the 12 months prior to pre- or post-test.

**Exposure to Prevention Advertising**

Participants were asked to respond at pre- and post-test to the question below about exposure to prevention advertising. The desired outcome is to have the highest percentages of participants respond Yes at post-test—the top two rows below. Of the participants who responded to this question at both pre- and post-test:

Q26: During the past 12 months, do you recall hearing, reading, or watching an advertisement about prevention of substance abuse?

11 (29%) said Yes at both pre- and post-test, indicating they had been exposed to prevention advertising in the 12 months prior to pre- and post-test.

13 (34%) said No at pre-test but Yes at post-test, indicating they had not been exposed to prevention advertising in the 12 months prior to pre-test, but they were exposed to prevention advertising prior to post-test.

3 (8%) said Yes at pre-test but No at post-test, indicating they had been exposed to prevention advertising in the 12 months prior to pre-test, but they were not exposed to prevention advertising prior to post-test.

11 (29%) said No at both pre- and post-test, indicating they had not been exposed to prevention advertising in the 12 months prior to pre- or post-test.