

# PARADISE ALTERNATIVES TO DRUGS

Straight/Straight-Up Program Survey: Preliminary Findings

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August 2007

## Report Overview

This report is presented in three sections:

- In the first section, titled FIRST ASSESSMENT, findings are presented for those Paradise Alternatives to Drugs (PAD) program youth that completed at least one survey.
  
- In the second section of the report, titled DEVELOPING CONCEPTS, having utilized a statistical procedure called *factor analysis*, the items on the survey were *reduced* to five concepts. In this section, the five concepts are applied to program youth that completed at least one survey.
  
- In the last section, titled FIRST ASSESSMENT AND SECOND ASSESSMENT, findings are presented for program youth completing the survey on two occasions.

# FIRST ASSESSMENT

First assessment responses to statements based upon a set of 1 = *Just About Never*; 2 = *Usually Not*; 3 = *Sometimes I Don't, Sometime I Do*; 4 = *Usually*; and 5 = *Just About All the Time* (which have been reversed for this report) are reported in Table 1, which extends from page 3 to page 5. The percentage of youth responding to each level of the analysis is reported by statement in the table. For the response level having the greatest percentage of youth, the cell is shaded gray and the type is in **bold**. Additionally, mean scores and mean interpretations are presented for each of the statements.

**Table 1: First Assessment Based Upon a Response Set of 1 = *Just About Never*; 2 = *Usually Not*; 3 = *Sometimes I Don't, Sometime I Do*, 4 = *Usually*; and 5 = *Just About All the Time***

Statement	Just About Never	Usually Not	Sometimes I Don't, Sometimes I Do	Usually	Just About All the Time	Mean	Mean Interpretation
	(1) %	(2) %	(3) %	(4) %	(5) %		
1. I include other people in my plans. (N=106)	1.9%	4.7%	23.6%	34.0%	<b>35.8%</b>	3.97	<i>Usually</i>
2. I join in picking on a person(s) when my friends are picking on that person(s). (N=106)	34.0%	<b>35.8%</b>	18.9%	8.5%	2.8%	2.10	<i>Usually Not</i>
3. Even when I am feeling bad, I can still be kind to others. (N=103)	2.9%	6.8%	30.1%	<b>39.8%</b>	20.4%	3.68	<i>Sometimes to Usually</i>
4. I seek help when I am confused. <sup>1</sup> (N=63)	9.5%	23.8%	27.0%	<b>28.6%</b>	11.1%	3.08	<i>Sometimes</i>
5. I use alcohol and/or drugs when my friends are using. (N=107)	11.2%	8.4%	<b>32.7%</b>	24.3%	23.4%	3.40	<i>Sometimes to Usually</i>
6. I do as little work as I can get by with at school. (N=105)	20.0%	<b>33.3%</b>	21.9%	14.3%	10.5%	2.62	<i>Usually Not to Sometimes</i>

<sup>1</sup>New statement that was developed for the second iteration of the survey; replaces the statement, "*I ask questions when I don't understand something*" from the first iteration of the survey.

**Table 1: First Assessment Based Upon a Response Set of 1 = *Just About Never*; 2 = *Usually Not*; 3 = *Sometimes I Don't, Sometime I Do*, 4 = *Usually*; and 5 = *Just About All the Time***

Statement	Just About	Usually	Sometimes	Usually	Just About	Mean	Mean Interpretation
	Never	Not	I Don't, Sometimes I Do	(4)	All the Time		
	(1)	(2)	(3)	(4)	(5)		
	%	%	%	%	%		
7. I try to understand the feelings of others. (N=107)	2.8%	9.3%	20.6%	<b>37.4%</b>	29.9%	3.82	<i>Usually</i>
8. At school, I finish what I start. <sup>2</sup> (N=105)	4.8%	1.0%	28.6%	<b>35.2%</b>	30.5%	3.86	<i>Usually</i>
9. I have trouble talking to adults I don't know. <sup>3</sup> (N=106)	18.9%	23.6%	<b>24.5%</b>	18.9%	14.2%	2.86	<i>Sometimes</i>
10. I find it hard to work in classrooms that have many rules. (N=105)	19.0%	16.2%	<b>27.6%</b>	20.0%	17.1%	3.00	<i>Sometimes</i>
11. When I am angry, I try to avoid trouble. (N=106)	5.7%	13.2%	<b>35.8%</b>	26.4%	18.9%	3.40	<i>Sometimes to Usually</i>
12. When I get stuck on something that I am doing, I just give up. (N=105)	24.8%	<b>36.2%</b>	29.5%	3.8%	5.7%	2.30	<i>Usually Not to Sometimes</i>
13. I stand up for what I believe is right. (N=106)	0.0%	2.8%	12.3%	34.0%	<b>50.9%</b>	4.33	<i>Usually to Just About All the Time</i>

<sup>2</sup> In the first iteration of the survey the statement read, "*I finish what I start.*" Youth responses from both iterations of the survey are included in the analysis.

<sup>3</sup> In the first iteration of the survey the statement read, "*I have trouble talking to other people.*" Youth responses from both iterations of the survey are included in the analysis.

**Table 1: First Assessment Based Upon a Response Set of 1 = *Just About Never*; 2 = *Usually Not*; 3 = *Sometimes I Don't, Sometime I Do*, 4 = *Usually*; and 5 = *Just About All the Time***

Statement	Just About Never (1) %	Usually Not (2) %	Sometimes I Don't, Sometimes I Do (3) %	Usually (4) %	Just About All the Time (5) %	Mean	Mean Interpretation
	14. I have someone whom I can tell almost anything. (N=104)	4.8%	6.7%	12.5%	15.4%		
15. I feel bad when I do something I know is wrong, even when I don't get caught doing it. (N=106)	11.3%	11.3%	<b>34.9%</b>	17.9%	24.5%	3.33	<i>Sometimes to Usually</i>
16. When I am angry, I have self-control to walk away to avoid a fight. (N=105)	6.7%	20.0%	<b>30.5%</b>	23.8%	19.0%	3.29	<i>Sometimes to Usually</i>

Statements based upon a response set of 1 = *Strongly Disagree*; 2 = *Disagree*; 3 = *Neither Disagree Nor Agree*; 4 = *Agree*; and 5 = *Strongly Agree* (which are reversed for this report) are reported in Table 2, which extends from page 7 to page 10. The percentage of youth responding to each level of the analysis is reported by statement in the table. For the response level having the greatest percentage of youth, the cell is shaded gray and the type is in **bold**. Additionally, mean scores and mean interpretations are presented for each of the statements.

**Table 2: First Assessment Based Upon a Response Set of 1 = *Strongly Disagree*; 2 = *Disagree*; 3 = *Neither Disagree Nor Agree*; 4 = *Agree*; and 5 = *Strongly Agree***

Statement	Strongly Disagree	Disagree	Neither Disagree Nor Agree	Agree	Strongly Agree	Mean	Mean Interpretation
	(1) %	(2) %	(3) %	(4) %	(5) %		
17. When I am angry, I feel relieved after hurting the person who upset me. (N=101)	11.9%	17.8%	<b>31.7%</b>	24.8%	13.9%	3.11	<i>Neither Disagree Nor Agree</i>
18. I will have a better life if I stay away from alcohol and/or drugs. <sup>4</sup> (N=63)	4.8%	6.3%	<b>46.0%</b>	19.0%	23.8%	3.51	<i>Neither Disagree Nor Agree to Agree</i>
19. I think I'm pretty easy to like. (N=100)	1.0%	3.0%	18.0%	<b>46.0%</b>	32.0%	4.05	<i>Agree</i>
20. Finishing something that I have been working on for a long time makes me feel good. (N=99)	1.0%	2.0%	11.1%	31.3%	<b>54.5%</b>	4.36	<i>Agree to Strongly Agree</i>

<sup>4</sup>New statement that was developed for the second iteration of the survey; replaces the statement, "I will have a happier life if I stay away from alcohol and/or drugs?" from the first iteration of the survey.

**Table 2: First Assessment Based Upon a Response Set of 1 = *Strongly Disagree*; 2 = *Disagree*; 3 = *Neither Disagree Nor Agree*; 4 = *Agree*; and 5 = *Strongly Agree***

Statement	Strongly Disagree	Disagree	Neither Disagree Nor Agree	Agree	Strongly Agree	Mean	Mean Interpretation
	(1) %	(2) %	(3) %	(4) %	(5) %		
21. I plan on NOT using alcohol and/or drugs. <sup>5</sup> (N=64)	12.5%	12.5%	40.6%	21.9%	12.5%	3.09	<i>Neither Disagree Nor Agree</i>
22. I can go to my parents with my problems. (N=97)	17.5%	10.3%	17.5%	27.8%	26.8%	3.36	<i>Neither Disagree Nor Agree to Agree</i>
23. Parents who abuse alcohol and/or drugs are likely to have children who abuse alcohol and/or drugs. (N=99)	7.1%	7.1%	22.2%	28.3%	35.4%	3.78	<i>Agree</i>
24. If I don't like what my friends are doing, I tell them. (N=64)	0.0%	3.1%	20.3%	48.4%	28.1%	4.02	<i>Agree</i>
25. I can usually describe to others what I am feeling. <sup>6</sup> (N=100)	5.0%	15.0%	28.0%	33.0%	19.0%	3.46	<i>Neither Disagree Nor Agree to Agree</i>
26. I'm proud of my schoolwork. (N=100)	9.0%	16.0%	26.0%	32.0%	17.0%	3.32	<i>Neither Disagree Nor Agree to Agree</i>

<sup>5</sup>New statement that was developed for the second iteration of the survey; replaces the statement, "I would be willing to sign a contract saying that I will not use alcohol and/or drugs" from the first iteration of the survey.

<sup>6</sup>New statement that was developed for the second iteration of the survey; replaces the statement, "I can usually describe to others what I am feeling" from the first iteration of the survey. Youth responses from both iterations of the survey are included in the analysis.

**Table 2: First Assessment Based Upon a Response Set of 1 = Strongly Disagree; 2 = Disagree; 3 = Neither Disagree Nor Agree; 4 = Agree; and 5 = Strongly Agree**

Statement	Response Set					Mean	Mean Interpretation
	Strongly Disagree (1) %	Disagree (2) %	Neither Disagree Nor Agree (3) %	Agree (4) %	Strongly Agree (5) %		
27. I can usually identify to myself what I am feeling (for example, tired, sad, angry, helpless, or stressed). <sup>7</sup> (N=99)	1.0%	2.0%	22.2%	<b>39.4%</b>	35.4%	4.06	<i>Agree</i>
28. I feel rules just get in the way when I am trying to have fun. (N=99)	4.0%	13.1%	<b>35.4%</b>	25.3%	22.2%	3.48	<i>Neither Disagree Nor Agree to Agree</i>
29. My friends let me take the blame for things they have done. (N=100)	<b>33.0%</b>	25.0%	24.0%	8.0%	10.0%	2.37	<i>Disagree to Neither Disagree Nor Agree</i>
30. Doing well in school is important to me. (N=100)	3.0%	1.0%	21.0%	<b>38.0%</b>	37.0%	4.05	<i>Agree</i>
31. I would be willing to tell my friends that I am NOT going to use alcohol and/or drugs. (N=64)	1.6%	7.8%	20.3%	25.0%	<b>45.3%</b>	4.05	<i>Agree</i>
32. I often feel ashamed of who I am. <sup>8</sup> (N=63)	<b>34.9%</b>	15.9%	33.3%	6.3%	9.5%	2.40	<i>Disagree to Neither Disagree Nor Agree</i>

<sup>7</sup>In the first iteration of the survey the statement read, "I can usually identify what I am feeling (for example, tired, sad, angry, helpless, or stressed)" from the first iteration of the survey. Youth responses from both iterations of the survey are included in the analysis.

<sup>8</sup>New statement that was developed for the second iteration of the survey; replaces the statement, "I often feel ashamed of myself" from the first iteration of the survey.

**Table 2: First Assessment Based Upon a Response Set of 1 = *Strongly Disagree*; 2 = *Disagree*; 3 = *Neither Disagree Nor Agree*; 4 = *Agree*; and 5 = *Strongly Agree***

Statement	Strongly Disagree	Disagree	Neither Disagree Nor Agree	Agree	Strongly Agree	Mean	Mean Interpretation
	(1) %	(2) %	(3) %	(4) %	(5) %		
33. I am comfortable going to my teachers if I have a question. <sup>9</sup> (N=101)	10.9%	11.9%	22.8%	26.7%	<b>27.7%</b>	2.40	<i>Neither Disagree Nor Agree to Agree</i>
34. I look forward to growing up. (N=99)	2.0%	3.0%	19.2%	28.3%	<b>47.5%</b>	3.49	<i>Neither Disagree Nor Agree to Agree</i>
35. My friends are OK if I tell them I don't want to do something they are doing. (N=63)	3.2%	3.2%	31.7%	27.0%	<b>34.9%</b>	4.16	<i>Agree</i>
36. I like being with other kids. (N=100)	1.0%	5.0%	17.0%	26.0%	<b>51.0%</b>	3.87	<i>Agree</i>
37. Getting drunk and/or high every now and then never hurt anyone. (N=100)	10.0%	15.0%	28.0%	17.0%	<b>30.0%</b>	4.21	<i>Agree</i>

<sup>9</sup>In the first iteration of the survey the statement read, "I am comfortable going to my teachers if I have a problem" from the first iteration of the survey. Youth responses from both iterations of the survey are included in the analysis.

# DEVELOPING CONCEPTS

## Data Reduction: Developing Concepts (A Preliminary Look)

Using a statistical method called *factor analysis*, we were able to preliminarily pair statements<sup>10</sup> for the first assessment into five (5) groupings that appeared to be closely associated with each other. These five (5) groupings, comprising 21 of the 25 statements on the Straight/Straight-Up Program Survey, are presented below with a brief descriptive name for each collapsed concept:

*I do as little work as I can get by with at school.*

*When I get stuck on something that I am doing, I just give up.*

*Finishing something that I have been working on for a long time makes me feel good.*

*I'm proud of my schoolwork.*

*Doing well in school is important to me.*

**Concept 1:  
Accomplishing Tasks**

*Even when I am feeling bad, I can still be kind to others.*

*When I am angry, I try to avoid trouble.*

*When I am angry, I have self-control to walk away to avoid a fight.*

*When I am angry, I feel relieved after hurting the person who upset me.*

**Concept 2:  
Anger Control**

*I use alcohol and/or drugs when my friends are using.*

*I find it hard to work in classrooms that have many rules.*

*I like being with other kids.*

*Getting drunk and/or high every now and then never hurt anyone.*

**Concepts 3:  
Conformity**

*I join in picking on a person(s) when my friends are picking on that person(s).*

*I try to understand the feelings of others.*

*I stand up for what I believe is right.*

*I have someone whom I can tell almost anything.*

*I can go to my parents with my problems.*

**Concept 4:  
Communication**

*I feel bad when I do something I know is wrong, even when I don't get caught doing it.*

*I think I'm pretty easy to like.*

*I look forward to growing up.*

**Concept 5:  
Self-Assurance**

<sup>10</sup> Statements NEW to the second iteration of the survey instrument are NOT included in the factor analysis; as are rephrased statements. Consequently, items 4, 8, 9, 18, 21, 24, 25, 27, 31, 32, 33, and 35 are NOT included in the factor analysis.

In Table 3, the percentage of potentially deleterious responses for each of the 37 statements on the survey instrument is reported. For the purposes of this report, a potentially deleterious response is defined as a categorical response that suggest a behavior or attitude that may be detrimental to the respondent.. These categorical levels are either *disagree* and *strongly disagree* rankings, *agree* and *strongly agree*, *usually not* and *just about never*, OR *usually* and *just about all the time*, which are determined by line of inquiry. For example, for the statement, “I include other people in my plans” the response level of *disagree* and *strongly disagree* from a response set of *strongly agree*, *agree*, *neither agree nor disagree*, *disagree*, and *strongly disagree* are considered potentially deleterious since it DOES NOT represent an acceptable action or behavior. The concept distilled through factor analysis is also presented. The categorical level that suggests potentially deleterious behaviors or attitudes are presented for each of the 37 statements in Appendix A.

**Table 3: Percentage of Problematic Responses Among Each Response in Descending Order of Frequency and Grouping of Statement**

Statement	Percentage of Problematic Responses	Concept
1. I include other people in my plans. (N=106)	6.6%	N/A
2. I join in picking on a person(s) when my friends are picking on that person(s). (N=106)	11.3%	Communication
3. Even when I am feeling bad, I can still be kind to others. (N=103)	9.7%	Anger Control
4. I seek help when I am confused. (N=63)	33.3%	N/A
5. I use alcohol and/or drugs when my friends are using. (N=107)	47.7%	Conformity
6. I do as little work as I can get by with at school. (N=105)	24.8%	Accomplishing Tasks
7. I try to understand the feelings of others. (N=107)	12.1%	Communication
8. At school, I finish what I start. (N=105)	5.8%	N/A
9. I have trouble talking to adults I don't know. (N=106)	33.1%	N/A
10. I find it hard to work in classrooms that have many rules. (N=105)	37.1%	Conformity
11. When I am angry, I try to avoid trouble. (N=106)	18.9%	Anger Control
12. When I get stuck on something that I am doing, I just give up. (N=105)	9.5%	Accomplishing Tasks
13. I stand up for what I believe is right. (N=106)	2.8%	Communication
14. I have someone whom I can tell almost anything. (N=104)	11.5%	Communication
15. I feel bad when I do something I know is wrong, even when I don't get caught doing it. (N=106)	22.6%	Self-Assurance
16. When I am angry, I have self-control to walk away to avoid a fight. (N=105)	26.7%	Anger Control

**Table 3: Percentage of Problematic Responses Among Each Response in Descending Order of Frequency and Grouping of Statement**

Statement	Percentage of Problematic Responses	Concept
17. When I am angry, I feel relieved after hurting the person who upset me. (N=101)	38.7%	<i>Anger Control</i>
18. I will have a better life if I stay away from alcohol and/or drugs. (N=63)	11.1%	<i>N/A</i>
19. I think I'm pretty easy to like. (N=100)	4.0%	<i>Self-Assurance</i>
20. Finishing something that I have been working on for a long time makes me feel good. (N=99)	3.0%	<i>Accomplishing Tasks</i>
21. I plan on NOT using alcohol and/or drugs. (N=64)	25.0%	<i>N/A</i>
22. I can go to my parents with my problems. (N=97)	27.8%	<i>Communication</i>
23. Parents who abuse alcohol and/or drugs are likely to have children who abuse alcohol and/or drugs. (N=99)	14.2%	<i>N/A</i>
24. If I don't like what my friends are doing, I tell them. (N=64)	3.1%	<i>N/A</i>
25. I can usually describe to others what I am feeling. (N=100)	20.0%	<i>N/A</i>
26. I'm proud of my schoolwork. (N=100)	25.0%	<i>Accomplishing Tasks</i>
27. I can usually identify to myself what I am feeling ( <i>for example, tired, sad, angry, helpless, or stressed</i> ). (N=99)	3.0%	<i>N/A</i>
28. I feel rules just get in the way when I am trying to have fun. (N=99)	47.5%	<i>N/A</i>
29. My friends let me take the blame for things they have done. (N=100)	18.0%	<i>N/A</i>
30. Doing well in school is important to me. (N=100)	4.0%	<i>Accomplishing Tasks</i>
31. I would be willing to tell my friends that I am NOT going to use alcohol and/or drugs. (N=64)	9.4%	<i>N/A</i>
32. I often feel ashamed of who I am. (N=63)	15.8%	<i>N/A</i>
33. I am comfortable going to my teachers if I have a question. (N=101)	22.8%	<i>N/A</i>
34. I look forward to growing up. (N=99)	5.0%	<i>Self-Assurance</i>
35. My friends are OK if I tell them I don't want to do something they are doing. (N=63)	6.4%	<i>N/A</i>
36. I like being with other kids. (N=100)	6.0%	<i>Conformity</i>
37. Getting drunk and/or high every now and then never hurt anyone. (N=100)	47.0%	<i>Conformity</i>

The top five potentially deleterious responses from among the 37 statements are reported in Table 4. Three (3) out of the five (5) of these responses were within the concept of *conformity*.

**Table 4: Top Five Problematic Responses**

Statement	Percentage of Problematic Responses	Concept
5. I use alcohol and/or drugs when my friends are using. (N=107)	47.7%	<i>Conformity</i>
28. I feel rules just get in the way when I am trying to have fun. (N=99)	47.5%	<i>N/A</i>
37. Getting drunk and/or high every now and then never hurt anyone. (N=100)	47.0%	<i>Conformity</i>
17. When I am angry, I feel relieved after hurting the person who upset me. (N=101)	38.7%	<i>Anger Control</i>
10. I find it hard to work in classrooms that have many rules. (N=105)	37.1%	<i>Conformity</i>

The rank order of statements within each of the five (5) concepts were calibrated so that more highly ranked responses would indicate a potentially problematic response. The rank order for some statements were reversed so that problematic responses were consistently represented at a higher level. *With this schema, higher scores indicate greater degrees of severity regarding the behavior and attitudes of youth “captured” within each grouping.*

Minimum and maximum concept scores and mean concept scores for each of the five (5) groupings are presented in Table 5. Additionally, the percentage of youth greater than the aggregated mean score is reported for each concept.

**Table 5: Minimum and Maximum Concept Scores, Mean Concept Scores, Interpretation of Mean Scores, and Percentage Youth Above the Aggregate Mean Score**

Concept	N	Minimum Score	Maximum Score	Mean Score	Percentage of Youth Above the Aggregated Mean Score
Accomplishing Tasks	95	1.00	4.60	2.22	38.9%
Anger Control	95	1.00	4.50	2.65	53.7%
Conformity	98	1.00	4.25	2.87	54.1%
Communication	93	1.00	3.80	2.05	39.8%
Self-Assurance	97	1.00	3.67	2.14	45.4%

FIRST  
ASSESSMENT  
AND  
SECOND  
ASSESSMENT

Table 6 presents mean scores and interpretation of movement of mean scores between first and second assessment for those youth (the same youth) that completed the survey at two points in time. Differences in mean scores that were statistically significant<sup>11</sup> are noted in the table.

**Table 6: Mean Scores at First Assessment and Second Assessment**

Statement	First Assessment Mean	Second Assessment Mean	Interpretation of Movement in Mean Scores Between First Assessment and Second Assessment
1. I include other people in my plans. (N=22)	3.82	4.00	Remained in the <i>Usually</i> range
2. I join in picking on a person(s) when my friends are picking on that person(s). (N=23)	2.13	2.04	Remained in the <i>Usually Not</i> range
3. Even when I am feeling bad, I can still be kind to others. (N=22)	3.68	3.73	Remained in the <i>Sometimes to Usually</i> range
4. I seek help when I am confused. (N=9)	3.11	3.67	Increased from <i>Sometimes</i> to <i>Sometimes to Usually</i> range
5. I use alcohol and/or drugs when my friends are using. (N=23)	3.35	2.83	Decreased from <i>Sometimes to Usually</i> range to <i>Sometimes</i>
6. I do as little work as I can get by with at school. (N=23)	2.57	2.48	Remained in the <i>Usually Not to Sometimes</i> range
7. I try to understand the feelings of others. (N=23)	3.57	3.61	Remained in the <i>Sometimes to Usually</i> range
8. At school, I finish what I start. (N=22)	4.05	4.27	Increased from <i>Usually</i> to <i>Usually to Just About the Time</i> range
9. I have trouble talking to adults I don't know. (N=22)	2.86	3.09	Remained in the <i>Sometimes</i> range
10. I find it hard to work in classrooms that have many rules. (N=22)	3.32	3.05	Decreased from <i>Sometimes to Usually</i> range to <i>Sometimes</i>
11. When I am angry, I try to avoid trouble. (N=22)	3.05	3.27	Increased from <i>Sometimes</i> to <i>Sometimes to Usually</i> range
12. When I get stuck on something that I am doing, I just give up. (N=23)	2.04	2.09	Remained in the <i>Usually Not</i> range

<sup>11</sup> Statistical testing was conducted to assess if variances in percentages and mean scores between respondent groups (i.e., 2005 and 2007 survey respondents) were statistically significant ( $p < .05$ ). A  $p$  value (probability) of less than .05 is generally regarded as the level that researchers/evaluators use to determine that differences in mean scores did not occur by chance (with 95% certainty); it reflects the presence of a difference between populations.

**Table 6: Mean Scores at First Assessment and Second Assessment**

Statement	First Assessment Mean	Second Assessment Mean	Interpretation of Movement in Mean Scores Between First Assessment and Second Assessment
13. I stand up for what I believe is right. (N=23)	4.35	4.39	Remained in the <i>Usually to Just About All the Time</i> range
14. I have someone whom I can tell almost anything. (N=22)	3.91	4.09	Remained in the <i>Usually</i> range
15. I feel bad when I do something I know is wrong, even when I don't get caught doing it. (N=22)	3.00	3.09	Remained in the <i>Sometimes</i> range
16. When I am angry, I have self-control to walk away to avoid a fight. (N=23)*	2.83	3.39	Increased from <i>Sometimes</i> to <i>Sometimes to Usually</i> range
17. When I am angry, I feel relieved after hurting the person who upset me. (N=23)	3.17	2.93	Remained in the <i>Neither Disagree Nor Agree</i> range
18. I will have a better life if I stay away from alcohol and/or drugs. (N=10)	3.30	3.60	Remained in the <i>Neither Disagree Nor Agree to Agree</i> range
19. I think I'm pretty easy to like. (N=22)	4.09	4.09	Remained in the <i>Agree</i> range
20. Finishing something that I have been working on for a long time makes me feel good. (N=23)	4.57	4.43	Remained in the <i>Agree to Strongly Agree</i> range
21. I plan on NOT using alcohol and/or drugs. (N=10)	3.00	3.50	Increased from <i>Neither Disagree Nor Agree</i> to <i>Neither Disagree Nor Agree to Agree</i> range
22. I can go to my parents with my problems. (N=22)	3.36	3.36	Remained in the <i>Neither Disagree Nor Agree to Agree</i> range
23. Parents who abuse alcohol and/or drugs are likely to have children who abuse alcohol and/or drugs. (N=22)	3.82	4.09	Remained in the <i>Agree</i> range
24. If I don't like what my friends are doing, I tell them. (N=10)	3.70	4.40	Increased from <i>Neither Disagree Nor Agree to Agree</i> range to <i>Agree to Strongly Agree</i> range
25. I can usually describe to others what I am feeling. (N=22)	2.91	3.05	Remained in the <i>Neither Disagree Nor Agree</i> range
26. I'm proud of my schoolwork. (N=23)*	3.09	3.48	Increased from <i>Neither Disagree Nor Agree</i> to <i>Neither Disagree Nor Agree to Agree</i> range

\*Variance between mean scores –  $p < .05$

**Table 6: Mean Scores at First Assessment and Second Assessment**

Statement	First Assessment Mean	Second Assessment Mean	Interpretation of Movement in Mean Scores Between First Assessment and Second Assessment
27. I can usually identify to myself what I am feeling ( <i>for example, tired, sad, angry, helpless, or stressed</i> ). (N=21)	4.05	4.33	Increased from <i>Agree</i> to <i>Agree to Strongly Agree</i>
28. I feel rules just get in the way when I am trying to have fun. (N=23)	3.52	3.22	Decreased from <i>Neither Disagree Nor Agree to Agree</i> range to <i>Neither Disagree Nor Agree</i>
29. My friends let me take the blame for things they have done. (N=23)	2.04	1.91	Remained in the <i>Disagree</i> range
30. Doing well in school is important to me. (N=23)	4.04	4.04	Remained in the <i>Agree</i> range
31. I would be willing to tell my friends that I am NOT going to use alcohol and/or drugs. (N=10)	3.80	4.20	Remained in the <i>Agree</i> range
32. I often feel ashamed of who I am. (N=10)	2.20	2.00	Remained in the <i>Disagree</i> range
33. I am comfortable going to my teachers if I have a question. (N=23)**	2.96	3.83	Increased from <i>Neither Disagree Nor Agree to Agree</i>
34. I look forward to growing up. (N=23)	4.09	4.43	Increased from <i>Agree</i> to <i>Agree to Strongly Agree</i> range
35. My friends are OK if I tell them I don't want to do something they are doing. (N=10)	3.50	4.20	Increased from <i>Neither Disagree Nor Agree to Agree</i> range to <i>Agree</i>
36. I like being with other kids. (N=23)	4.26	3.83	Decreased from <i>Agree to Strongly Agree</i> range to <i>Agree</i>
37. Getting drunk and/or high every now and then never hurt anyone. (N=16)	3.38	3.50	Remained in the <i>Neither Disagree Nor Agree to Agree</i> range

\*\*Variance between mean scores –  $p < .01$

Figure 1 presents mean scores for those youth completing the survey instrument a first and second assessment. There was a decrease in mean scores for each of the five concepts, significantly (statistically) for *anger control*, between first and second assessments.

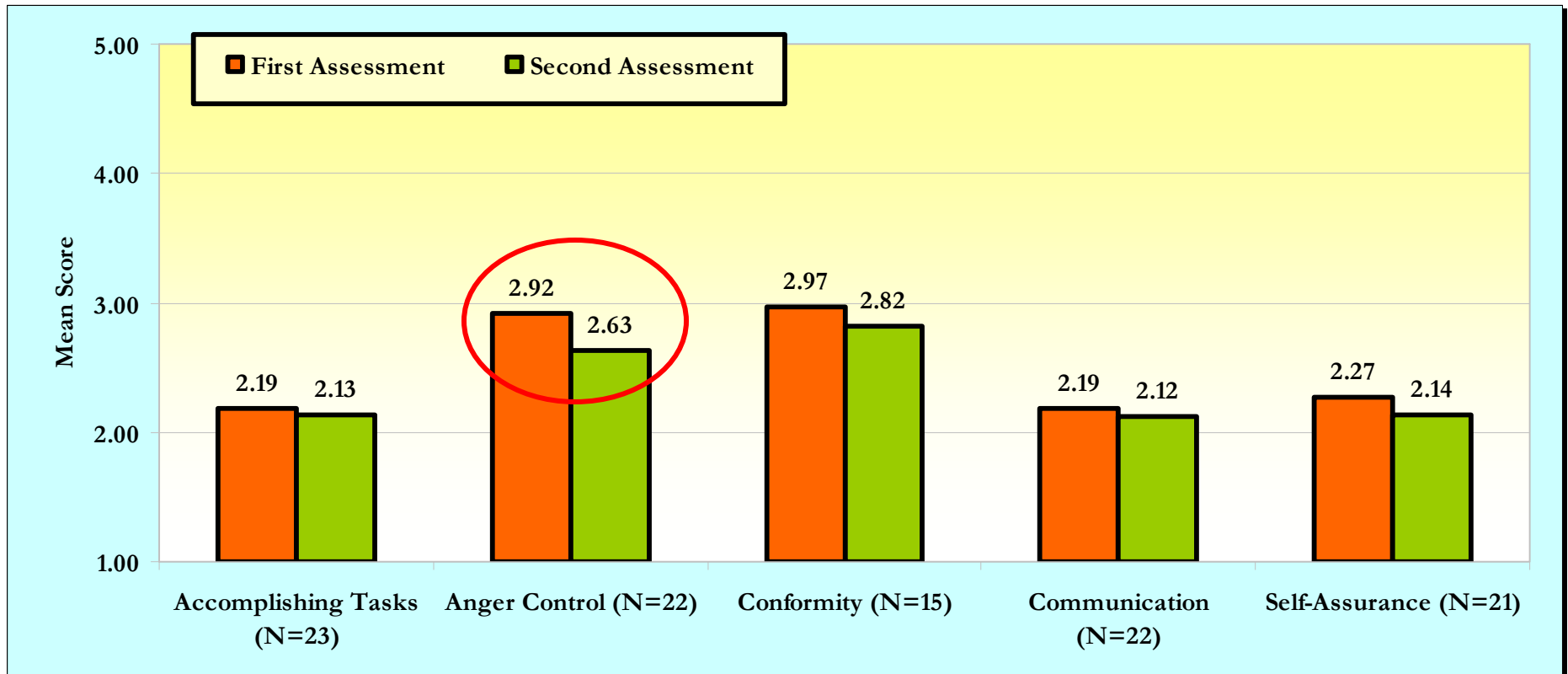


Figure 1: Concept Mean Scores – First Assessment and Second Assessment

For each of the five concepts, Figure 2 reports the percentage of youth with decreased mean scores between the first and second assessment.

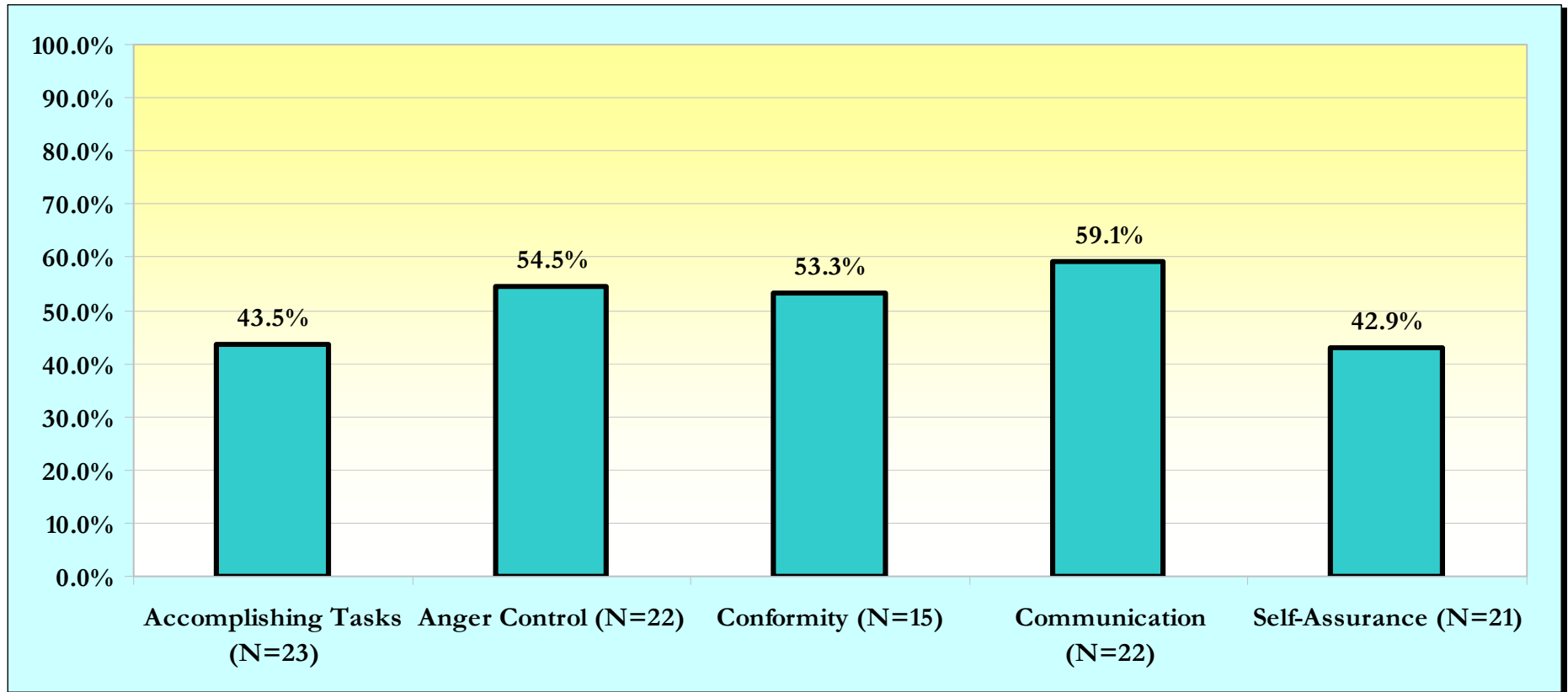


Figure 2: Decreased Mean Scores Between First Assessment and Second Assessment

## Appendix A

### Potentially Deleterious Responses for Each Statement

Statement	Problematic Responses
1. I include other people in my plans.	<i>Usually Not and Just About Never</i>
2. I join in picking on a person(s) when my friends are picking on that person(s).	<i>Usually and Just About All the Time</i>
3. Even when I am feeling bad, I can still be kind to others.	<i>Usually Not and Just About Never</i>
4. I seek help when I am confused.	<i>Usually Not and Just About Never</i>
5. I use alcohol and/or drugs when my friends are using.	<i>Usually and Just About All the Time</i>
6. I do as little work as I can get by with at school.	<i>Usually and Just About All the Time</i>
7. I try to understand the feelings of others.	<i>Usually Not and Just About Never</i>
8. At school, I finish what I start.	<i>Usually Not and Just About Never</i>
9. I have trouble talking to adults I don't know.	<i>Usually and Just About All the Time</i>
10. I find it hard to work in classrooms that have many rules.	<i>Usually and Just About All the Time</i>
11. When I am angry, I try to avoid trouble.	<i>Usually Not and Just About Never</i>
12. When I get stuck on something that I am doing, I just give up.	<i>Usually and Just About All the Time</i>
13. I stand up for what I believe is right.	<i>Usually Not and Just About Never</i>
14. I have someone whom I can tell almost anything.	<i>Usually Not and Just About Never</i>
15. I feel bad when I do something I know is wrong, even when I don't get caught doing it.	<i>Usually Not and Just About Never</i>
16. When I am angry, I have self-control to walk away to avoid a fight.	<i>Usually Not and Just About Never</i>

### Problematic Responses Among Each Statement

Statement	Problematic Responses
17. When I am angry, I feel relieved after hurting the person who upset me.	<i>Agree and Strongly Agree</i>
18. I will have a better life if I stay away from alcohol and/or drugs.	<i>Disagree and Strongly Disagree</i>
19. I think I'm pretty easy to like.	<i>Disagree and Strongly Disagree</i>
20. Finishing something that I have been working on for a long time makes me feel good.	<i>Disagree and Strongly Disagree</i>
21. I plan on NOT using alcohol and/or drugs.	<i>Disagree and Strongly Disagree</i>
22. I can go to my parents with my problems.	<i>Disagree and Strongly Disagree</i>
23. Parents who abuse alcohol and/or drugs are likely to have children who abuse alcohol and/or drugs.	<i>Disagree and Strongly Disagree</i>
24. If I don't like what my friends are doing, I tell them.	<i>Disagree and Strongly Disagree</i>
25. I can usually describe to others what I am feeling.	<i>Disagree and Strongly Disagree</i>
26. I'm proud of my schoolwork.	<i>Disagree and Strongly Disagree</i>
27. I can usually identify to myself what I am feeling ( <i>for example, tired, sad, angry, helpless, or stressed</i> ).	<i>Disagree and Strongly Disagree</i>
28. I feel rules just get in the way when I am trying to have fun.	<i>Agree and Strongly Agree</i>
29. My friends let me take the blame for things they have done.	<i>Agree and Strongly Agree</i>
30. Doing well in school is important to me.	<i>Disagree and Strongly Disagree</i>
31. I would be willing to tell my friends that I am NOT going to use alcohol and/or drugs.	<i>Disagree and Strongly Disagree</i>
32. I often feel ashamed of who I am.	<i>Agree and Strongly Agree</i>
33. I am comfortable going to my teachers if I have a question.	<i>Disagree and Strongly Disagree</i>
34. I look forward to growing up.	<i>Disagree and Strongly Disagree</i>
35. My friends are OK if I tell them I don't want to do something they are doing.	<i>Disagree and Strongly Disagree</i>
36. I like being with other kids.	<i>Disagree and Strongly Disagree</i>
37. Getting drunk and/or high every now and then never hurt anyone.	<i>Agree and Strongly Agree</i>