



Families First Survey Analysis

Internal Survey Analysis

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Abstract

This analysis examined all pre-post survey results from Utah Youth Village collected between 2007 and 2012. This analysis examined complete cases (individuals with both a pre and a post test) in this sample. In this sample, there were significant reductions in rebelliousness, attitudes favorable to antisocial behaviors, attitudes favorable to drug use, anti-social peers, rewards for antisocial involvement and overall anti-social outcomes. There were significant increases in the youths' belief in the moral order. There was no significant change in perceived risk of drugs due to a smaller sample size.

Results

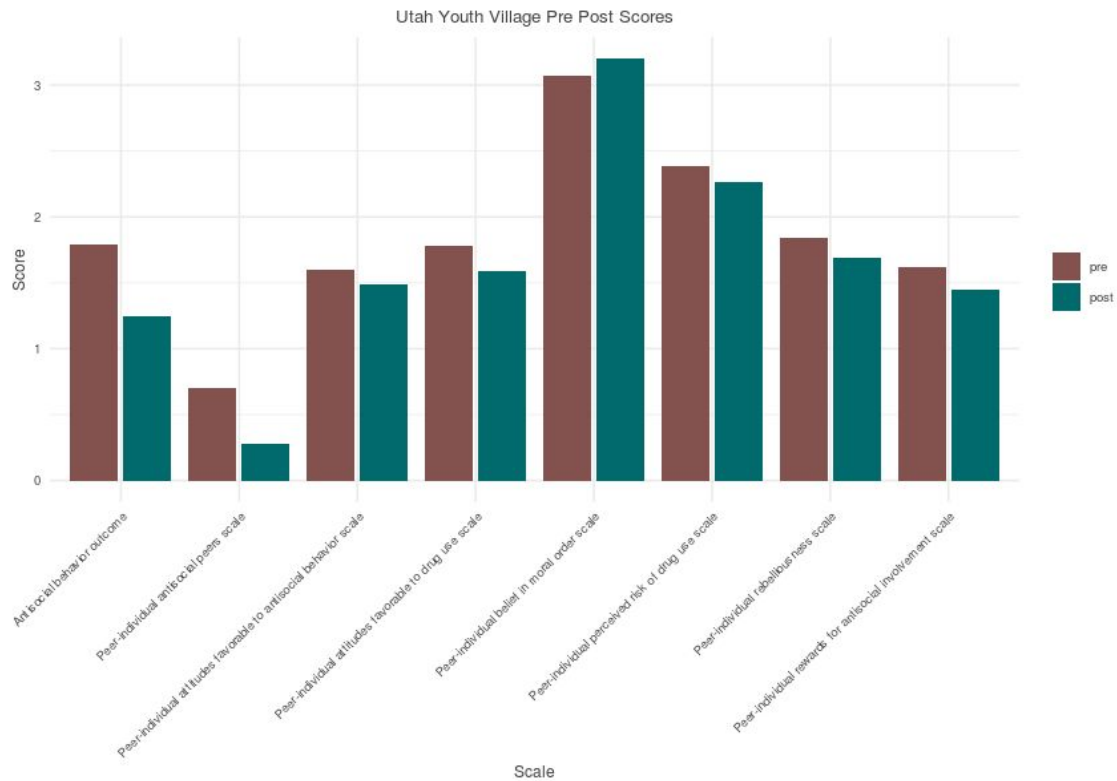
We analyzed all survey results from Utah Youth Village from 2007 to 2012. This analysis only looked at complete cases (i.e. youth with both a pre and post survey). Note- subsequent analyses should use some methodology to account for missing data (i.e. youth with a pre-test but not a post test). Analyses used a matched subject t-test to determine whether changes were statistically significant. All scales are validated from the Communities that Care assessment (Hawkins, 1999).

There were 8 scales with valid pre-post scores from the assessment (see table 1). This analysis found statistically significant changes in all but one scale (peer-individual perceived risk of drugs). This scale had not been administered to the entire population, and as was likely under-powered in this analysis (n=17). All other scales had at least 136 youth with a valid pre and post test.

Table 1: Pre-post Scale Results Utah Youth Village

Scale Name	pre	post	n	p.value	t	p < .05
Peer-individual rebelliousness scale	1.84	1.69	139	<.001	3.22	TRUE
Peer-individual attitudes favorable to antisocial behavior scale	1.60	1.49	136	0.02	2.37	TRUE
Peer-individual attitudes favorable to drug use scale	1.78	1.59	139	<.001	3.78	TRUE
Peer-individual perceived risk of drug use scale	2.38	2.26	17	0.69	0.41	FALSE
Peer-individual antisocial peers scale	0.70	0.28	139	<.001	7.04	TRUE
Peer-individual rewards for antisocial involvement scale	1.62	1.45	153	0.04	2.06	TRUE
Peer-individual belief in moral order scale	3.07	3.20	139	<.001	-3.44	TRUE
Antisocial behavior outcome	1.79	1.25	160	<.001	6.50	TRUE

This analysis found significant reductions in rebelliousness, attitudes favorable to antisocial behaviors, attitudes favorable to drug use, anti-social peers, rewards for antisocial involvement and overall anti-social outcomes. This analysis found a significant increase in the youths' belief in the moral order.



Discussion

This analysis used a within-subjects methodology to determine whether there were significant improvements in each subscale that was examined. Performing this analysis for the Family First Prevention Clearinghouse will require a few additional steps: 1) A determination of whether we can submit a within-subjects method. In other words, will a pre-post test be sufficient to count as a study or will we need a comparison group. 2) We will have to consider what methodology will be most appropriate to handle situations where a youth completed a pretest but not a posttest. The final analysis would likely utilize multiple imputation to adjust for data that is missing.

Works Cited

Hawkins, J. David. "Preventing crime and violence through communities that care." *European Journal on Criminal Policy and Research* 7.4 (1999): 443-458.