

**Brothers to Brothers/Sisters to Sisters – Dayton, Ohio
Selected Findings from Years One and Two**

GENERAL AREA OF CONCERN	OUTCOMES	DESCRIPTIVE STATISTICS		*TEST STATISTIC	
		At Intake	At 6 Months		
Prevalence of Alcohol/Drug Use in Past 30 Days	- Alcohol Use (Days in past 30)	(Average)	7.2	2.7	t = 6.9*
	- Illegal Drug Use (Days in past 30)	(Average)	11.8	2.4	t = 12.2*
Level of Criminal Involvement in Past 30 Days	- Number of times arrested	(Average)	.17	.11	t = 1.3 ^{NS}
	- Number of drug-related arrests	(Average)	.07	.02	t = 2.6*
	- Number of nights spent in jail	(Average)	2.4	.67	t = 3.8*
Mental and Physical Health of Clients	- Rating of Overall Health	(Average)	3.1	2.9	t = 2.8*
	- Inpatient Tx visits for AOD Problems	(% Yes)	13.7%	4.6%	Q = 16.3*
		(% No)	86.3%	95.4%	
	- Outpatient Tx visits for AOD Problems	(% Yes)	8.3%	14.6%	Q = 5.6*
		(% No)	91.7%	85.4%	
	- Emergency room Tx visits for AOD problems	(% Yes)	5.2%	1.6%	Q = 5.8*
		(% No)	94.8%	98.4%	
	- Bothered by psychological problems?	(Average)	3.7	3.5	t = 1.1 ^{NS}
	- Stress due to AOD use	(Average)	2.3	1.4	t = 12.2*
	- Emotional problems due to AOD	(Average)	2.0	1.3	t = 9.9*
- Days with psychological problems	(Average)	24.0	9.9	t = 7.0*	
- Days prescribed meds for psychological problems	(Average)	2.6	1.3	t = 2.8*	
Involvement in Risky Drug Use Behaviors	- Injected drugs in past 30 days?	(% Yes)	17.1%	4.0%	Q = 36.4*
		(% No)	82.9%	96.0%	
Involvement in Risky Sexual Behaviors	- Number sexual contacts in past 30 days	(Average)	7.3	7.2	t = .09 ^{NS}
	- Number unprotected sexual contacts	(Average)	4.9	3.3	t = 2.0*
	- Number contacts involving HIV+/AIDS	(Average)	.21	.01	t = 1.7 ^{NS}
	- Number contacts with injection drug user	(Average)	.08	.09	t = -.08 ^{NS}
	- Number contacts with someone high	(Average)	1.6	.44	t = 3.5*
	- Number different people had sex with in last 6 months	(Average)	5.4	1.5	t = 2.1*
	- Number times out of last 10 had sex when high	(Average)	4.8	2.2	t = 7.8*
	- Frequency of condom use past 6 mo.	(Average)	2.4	2.7	t = -2.4*
Psychological Factors	- Risk taking	(Average)	11.9	10.8	t = 3.7*
	- Self-Concept	(Average)	21.4	23.4	t = -5.5*
	- Anger/Temper Control	(Average)	9.9	8.9	t = 3.8*
	- Satisfaction with Life	(Average)	12.9	16.1	t = -6.2*

*Given the exploratory nature of this analysis, the α -level for each "Cochran Q" and "Dependent Sample t" test was set at = .05 and no effort was made to control the overall α -level across the combined set of 33 tests. Hence, * indicates a significant result at the .05 level, and NS indicates a non-significant result.