

Circleville Municipal Court

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SAQ-Adult Probation III

SUMMARY REPORT

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Prepared by

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SAQ-ADULT PROBATION III

Introduction

This report summarizes SAQ-Adult Probation III client assessment results for Circleville Municipal Court. For those readers not familiar with the SAQ-Adult Probation III, it is a brief, self-report automated (computer scored) instrument that is specifically designed for adult probation screening and assessment. It is particularly useful in evaluating trouble prone clients, detecting substance (alcohol and other drugs) abusers and identifying the emotionally disturbed. The SAQ-Adult Probation III contains seven measures or scales.

SAQ-Adult Probation III Scales

VALIDITY (TRUTHFULNESS) SCALE: Measures truthfulness, guardedness as well as denial and faking.

ALCOHOL SCALE: Measures alcohol proneness and alcohol-related problems. Alcohol refers to beer, wine, and other liquor.

DRUG SCALE: Measures drug (marijuana, cocaine, crack, heroin, etc.) abuse and drug-related problems.

STRESS COPING ABILITIES SCALE: Measures ability to cope effectively with stress, tension or anxiety.

VIOLENCE SCALE: Measures use of physical force to injure, damage or destroy. This scale identifies dangerous people.

ANTISOCIAL SCALE: Measures anti-social behavior, such as, lying, failure to pay debts, uncaring or irresponsibleness.

AGGRESSIVITY SCALE: Measures risk-taking behavior, acting-out potential and aggressiveness.

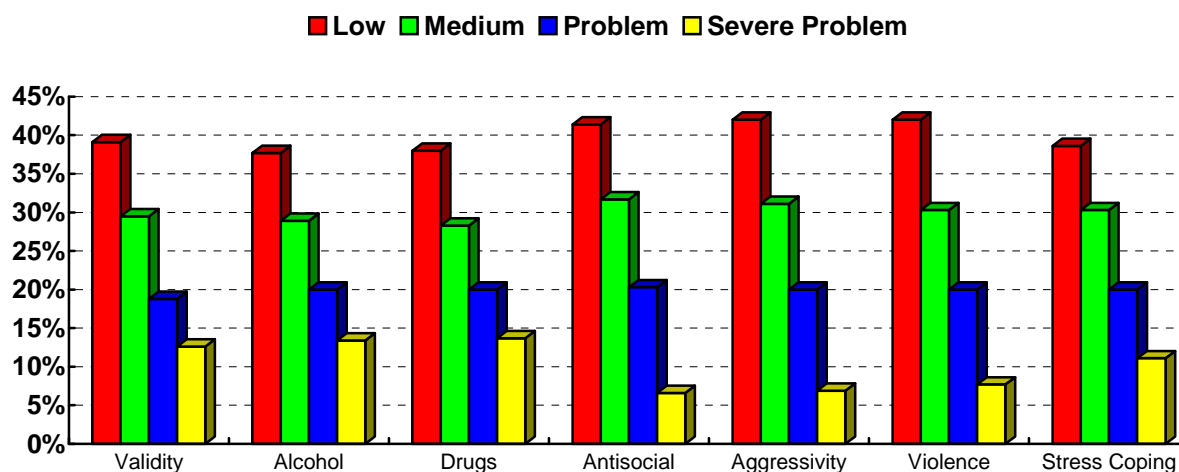
This annual database analysis of accumulated test data demonstrates some of the advantages of the copyrighted SAQ-Adult Probation III program. This database allows restandardization of the SAQ-Adult Probation III on an annual basis, which contributes to even more accurate assessment in the future. This means that SAQ-Adult Probation III database research is used to further improve adult offender assessment and SAQ-Adult Probation III screening accuracy.

This report contains data only from used diskettes which were returned to Behavior Data Systems (BDS). Diskettes received by BDS since the last annual report have been included in the present report. There were 350 clients who completed the SAQ-Adult Probation III.

Accuracy

Test accuracy is demonstrated by small differences between expected percentages and offender-obtained percentages for scale scores. Four categories of risk are: Low Risk (zero to 39th percentile), Medium Risk (40 to 69th percentile), Problem Risk (70 to 89th percentile), and Severe Problem (90 to 100th percentile). The total expected percentage for each of these risk ranges are provided in bold parentheses at the top of the following table.

SAQ-Adult Probation III Scale Risk Ranges 2004 (N=350)



Scales	Low Risk (39%)	Medium Risk (30%)	Problem Risk (20%)	Severe Problem (11%)
Validity	39.1 (0.1)	29.5 (0.5)	18.8 (1.2)	12.6 (1.6)
Alcohol	41.4 (2.4)	29.5 (0.5)	19.7 (0.3)	9.4 (1.6)
Drugs	35.7 (3.3)	32.9 (2.9)	20.0 (0.0)	11.4 (0.4)
Antisocial	41.4 (1.4)	31.7 (1.7)	19.8 (0.2)	7.1 (3.9)
Aggressivity	42.0 (3.0)	31.1 (1.1)	20.0 (0.0)	6.9 (4.1)
Violence	37.4 (1.6)	28.6 (1.4)	20.3 (0.3)	13.7 (2.7)
Stress Coping	38.6 (0.4)	30.3 (0.3)	20.0 (0.0)	11.1 (0.1)

As shown above, the percentages of offenders falling into each of the four risk ranges for all but three SAQ-Adult Probation III scales were within 3.0 percentage points of the predicted percentages. The SAQ-Adult Probation III accurately measures offender risk. The very small differences between obtained risk range percentages and predicted percentages show how accurate the SAQ-Adult Probation III is. Offenders' scores are 97% accurate. This is very accurate assessment.

Reliability

SAQ-Adult Probation III Scale Reliability 2004 (N = 350)		
SAQ-Adult Probation III Scales	Alpha Coefficients	Significance Level
Truthfulness Scale	.90	p < .001
Alcohol Scale	.95	p < .001
Drugs Scale	.95	p < .001
Antisocial Scale	.85	p < .001
Aggressivity Scale	.90	p < .001
Violence Scale	.86	p < .001
Stress Coping Abilities	.93	p < .001

Reliability coefficient alphas. All alphas are significant at p < .001.

Scale reliability coefficients (i.e., Cronbach's alpha) demonstrate the extent of consistency in test responses. Perfect reliability has a coefficient of 1, and the professionally accepted minimum standard for test reliability is .75. The reliability coefficients for all SAQ-Adult Probation III scales exceeded this minimum standard and demonstrate impressive reliability.

Validity

Validity refers to a test measuring what it is purported or supposed to measure. Early standardization (normative) research involved using "other tests" for establishing each test's validity. This research is reported in each test's "Inventory of Scientific Findings" which can be provided upon request. After these validation procedures were completed, the use of a second test for such concurrent validation was discontinued because test users, assessment agencies and involved staff did not want to continue administering other (criterion) tests.

A method was conceptualized wherein validity could still be evaluated in database research. In brief, it is assumed that a person that had an alcohol, drug, or violence problem (prior, admissions of treatment, etc.) would score higher on these scales than a person without such a history. Moreover, it was hypothesized that people with such histories would score at or above the 70th percentile (problem risk range) on their respective scale scores.

Indeed, SAQ validity results demonstrate that Alcohol Scale scores correctly identified all (100%) of the offenders who had been treated for drinking problems. Offenders who had alcohol treatment scored in the problem range (70th percentile or above) on the Alcohol Scale. Similarly the Drugs Scale identified all (100%) of the offenders who had been treated for drug problems. The Antisocial Scale accurately

identified all (100%) offenders who admitted they were unsocial, hostile and antisocial. The Violence Scale identified all (100%) of the offenders who were arrested for a violent crime, a crime involving force or the threat of force or both. The Aggressiveness Scale correctly identified (100%) offenders who admitted they were pushy and overly aggressive. These findings strongly support the validity of SAQ scales.

Summary of Findings

The SAQ-Adult Probation III was administered to 350 adult offenders from Circleville Municipal Court. There were 264 males (75.4%) and 86 females (24.6%). Nearly half of the clients (45.1%) were in the age group 21 to 35 years of age. Whites comprised the majority ethnicity group (89.7%). Two educational clusters represent most of the clients, i.e., Some High School (26.4%) and High School graduates/GED (47.9%). Over half of the clients were single (53.7%) and 22.9 percent were married. Males were more often single than females.

Nearly 60 percent (59.7%) of all clients reported having their first conviction on or before the age of 22. Over one-third of the clients (37.8%) reported their first conviction between the ages of 18 and 21. More males (35.3%) had their first conviction by age 19 than females (15.2%).

Over 97 percent of the clients (97.4%) had been arrested one or more times and nearly two-thirds (63.4%) had been arrested two or more times. Nearly half (45.2%) of the clients had been placed on probation and 20.4 percent had their probation(s) revoked.

Almost 20 percent (18.1%) of the client population had one or more felony convictions and 5.8 percent had two or more felony convictions. Over one-third (37.7%) of the clients were sentenced to jail one or more times and 7.7 percent were sentenced to prison at least once.

Over three-quarters of the clients (82%) had one or more alcohol-related arrests and 36.6 percent had two or more arrests. Almost twenty percent (17.8%) of the clients had at least one drug-related arrest and 6.1 percent had two or more arrests. Over thirty one percent of the males (31.4%) and fourteen percent of the females had been in alcohol treatment at least once. Over seventeen percent (17.8%) of the males and 12.8 percent of the females had been in at least one drug treatment program.

Seven percent of the females and 4.5 percent of the males reported feeling suicidal, homicidal, or both suicidal and homicidal ideation during the last six months. Over one third (38.4%) of the females and 22.7 percent of the males described their present situation as having serious family problems, marital or relationship problems, or both.

Over 71 percent of the males (71.5%) and 66.7 percent of the females indicated they were at least slightly motivated to seek treatment for alcohol. Nearly one-third (31.5%) of the males and 28.6 percent of the females were highly motivated to seek alcohol treatment. Over 48 percent (48.4%) of the males and 31.3 percent of the females indicated they were at least slightly motivated to seek treatment for drugs.

Nearly 13 percent (12.5%) of the males and 8.1 percent of the females were highly motivated to seek drug treatment. Over one-quarter (25.4%) of the males and 22.1 percent of the females indicated they were recovering alcoholics, drug abusers or both.

Hopefully, this report has been both interesting and informative. Interpretations were kept to a minimum to ensure a concise, readable, yet informative analysis. This report is presented as a courtesy by Behavior Data Systems.

Client Self-Perceptions

The SAQ-Adult Probation III contains questions designed to obtain the client's own opinion or perceptions of his or her problems, as well as, his or her motivation for help. The percentage of clients who agreed with statements indicating they are "at-risk" for alcohol problems and drug problems are presented. There were 264 males and 86 females administered the SAQ-Adult Probation III..

Alcohol and Drug Problems	Males %	Females %
#2. I am concerned about my drinking.	34.5	17.4
#18. My drinking is a serious problem.	22.3	11.6
#44. I have a drinking or alcohol-related problem.	27.3	12.8
#66. I have asked for help with my drinking or..... alcohol-related problem.	15.9	8.1
#140. How would you describe your drinking?		
1. Serious Problem	11.4	7.0
2. Moderate Problem	10.6	4.7
3. Mild or Slight Problem.....	25.4	9.3
#104 I am dependent on drugs and may be addicted to them.	9.8	14.0
#90. I have a drug abuse or drug-related problem.	11.4	14.0
#146. How would you describe your drug use?		
1. Serious Problem	5.7	9.3
2. Moderate Problem	5.7	4.7
3. Mild or Slight Problem	9.5	5.8

Alcohol and Drug Treatment

#141 How much motivation or desire do you have for alcohol rehabilitation, treatment or help?		
1. Want help (highly motivated)	31.5	28.6
2. Undecided (some motivation)	21.5	14.3
3. Handle it myself (little motivation)	18.5	23.8
#147. How much motivation or desire do you have for drug rehabilitation, treatment or help?		
1. Want help (highly motivated)	12.5	8.1
2. Willing to accept (some motivation)	22.3	11.6
3. Undecided (little motivation)	13.6	11.6

Emotional Problems

#145. During the last six months, I have been:		
1. Suicidal (dangerous to myself)	3.0	3.5
2. Homicidal (dangerous to others)	1.5	1.2
3. Both 1 and 2 (suicidal and homicidal)	0	2.3
#149. Recovering means having an alcohol or drug problem, but not using or abusing them anymore. I am a recovering:		
1. Alcoholic (beer, wine or liquor)	12.5	3.5
2. Drug-abuser (pot, cocaine, etc.)	5.7	11.6
3. Both 1 and 2 (alcohol and drugs)	7.2	7.0
#142. How many different treatment programs for alcohol problems have you been enrolled in?		
1. One	23.1	10.5
2. Two or three	6.8	2.3
3. Four or more	1.5	1.2
#148. How many different treatment programs for drug problems have you been enrolled in?		
1. One	11.4	8.1
2. Two or three	4.5	3.5
3. Four or more	1.9	1.2
#143. How would you describe your present situation?		
1. Family Problems.....	5.3	5.8
2. Marital or relationship problems.....	10.2	23.3
3. Both 1 and 2 (family and relationship problems).....	7.2	9.3

Summary

Comparison of predicted and attained scale scores demonstrated the accuracy of the SAQ-Adult Probation III. The graph and table on page 3 attest to the test's accuracy. Conservatively, the SAQ-Adult Probation III is 97% accurate. Indeed, the professional standard for acceptable reliability is .75. All SAQ-Adult Probation III alpha coefficients are well above the standard and demonstrate very impressive reliability for each of the seven SAQ-Adult Probation III scales. Similarly validity is strongly supported with database analysis. And client self-report is always interesting because it gives insight into the respondents thinking.

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Appendix

Population				
Males		Females		Total
N	%	N	%	N
264	75.4	86	24.6	350

Race/Ethnicity				
Race	Males	Females	Total	
	N	N	N	%
Caucasian	236	76	312	89.7
Black	15	1	16	4.6
Hispanic	6	9	15	4.3
Asian	0	0	0	0.0
Native American	2	0	2	0.6
Other	3	0	3	0.9

Note: There were 2 cases with missing information.

Age Group				
Age	Males	Females	Total	
	N	N	N	%
Under 16	0	0	0	0.0
16 - 20	45	18	63	18.0
21 - 25	49	14	63	18.0
26 - 30	43	18	61	17.4
31 - 35	23	11	34	9.7
36 - 40	38	9	47	13.4
41 - 45	24	9	33	9.4
46 - 50	13	4	17	4.9
51 - 55	10	1	11	3.1
56 - 60	10	2	12	3.4
Over 60	9	0	9	2.6

Education				
Grade	Males	Females	Total	
	N	N	N	%
8th or less	9	2	11	3.2
Some H.S.	77	15	92	26.4
HS	121	46	167	47.9
Graduate/GED	39	17	56	16.0
Some Col.	17	6	23	6.6

Note: There was 1 case with missing information.

Marital Status				
Status	Males	Females	Total	
	N	N	N	%
Single	149	39	188	53.7
Married	61	19	80	22.9
Divorced	39	10	49	14.0
Separated	15	15	30	8.6
Widowed	0	3	3	0.9

Age at First Arrest						
Age	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
12 & Under	7	2.7	0	0.0	7	2.0
13 - 14	15	5.7	1	1.2	16	4.6
15 - 16	18	6.8	1	1.2	19	5.4
17 - 18	53	20.1	11	12.8	64	18.3
19 - 20	56	21.2	17	19.8	73	20.9
21 - 22	23	8.7	7	8.1	30	8.6
23 - 24	9	3.4	11	12.8	20	5.7
25 - 29	29	11.0	12	14.0	41	11.7
30 - 39	24	9.1	14	16.3	38	10.9
40 & Over	30	11.4	12	13.9	42	12.0

Total Number of Times Arrested				
Number	Males	Females	Total	
	N	N	N	%
0	4	5	9	2.6
1	76	43	119	34.0
2	58	22	80	22.9
3	46	6	52	14.9
4	26	5	31	8.9
5	14	1	15	4.3
6 or More	40	4	44	12.6

Months Employed in the Last 12 Months				
Number	Males	Females	Total	
	N	N	N	%
0	17	8	25	7.1
1 – 2	7	3	10	2.9
3 – 4	13	7	20	5.7
5 – 6	24	5	29	8.3
7 – 8	14	8	22	6.3
9 – 10	17	10	27	7.7
11 – 12	172	45	217	62.0

Times on Probation				
Number	Males	Females	Total	
	N	N	N	%
0	132	60	192	54.9
1	83	15	98	28.0
2	30	6	36	10.3
3	9	3	12	3.4
4	5	2	7	2.0
5 or More	5	0	5	1.5

Probation Revocations				
Number	Males	Females	Total	
	N	N	N	%
0	206	73	279	79.7
1	36	6	42	12.0
2	9	5	14	4.0
3	6	2	8	2.3
4	3	0	3	0.9
5 or More	4	0	4	1.2

Felony Arrests				
Number	Males	Females	Total	
	N	N	N	%
0	211	76	287	82.0
1	35	8	43	12.3
2	12	2	14	4.0
3	3	0	3	0.9
4	1	0	1	0.3
5 or More	2	0	2	0.6

Alcohol Arrests				
Number	Males	Females	Total	
	N	N	N	%
0	35	28	63	18.0
1	114	45	159	45.4
2	67	8	75	21.4
3	22	1	23	6.6
4	11	3	14	4.0
5 or More	15	1	16	4.6

Drug Arrests				
Number	Males	Females	Total	
	N	N	N	%
0	217	71	288	82.3
1	33	8	41	11.7
2	6	4	10	2.9
3	4	3	7	2.0
4	0	0	0	0.0
5 or More	4	0	4	1.2

Prison Sentences				
Number	Males	Females	Total	
	N	N	N	%
0	238	85	323	92.3
1	18	1	19	5.4
2	7	0	7	2.0
3	1	0	1	0.3
4	0	0	0	0.0
5 or More	0	0	0	0.0

Jail Sentences				
Number	Males	Females	Total	
	N	N	N	%
0	150	68	218	62.3
1	53	8	61	17.4
2	22	7	29	8.3
3	12	2	14	4.0
4	8	1	9	2.6
5 or More	19	0	19	5.4

