

**STATE OF MISSOURI DEPARTMENT OF CORRECTIONS**

**DIVISION OF OFFENDER REHABILITATIVE SERVICES**

**1997 ANNUAL REPORT**

**SAQ-ADULT PROBATION  
PRISON INMATE INVENTORY**

July 1, 1998

Provided as a professional courtesy by:

Behavior Data Systems, Ltd.  
P.O. Box 44256  
Phoenix, Arizona 85064-4256

Telephone: (800) 231-2401  
FAX: (602) 266-8227

Copyright © 1997. All Rights Reserved.

## Preface

This annual report of the State of Missouri, Department of Corrections automated (computer scored) assessment program contains summaries of the SAQ-Adult Probation (SAQ), and the Prison Inmate Inventory (PII). Test administrations received between January 1, 1997 and December 31, 1997 are included in this report. There were 20,045 tests administered.

<u>ASSESSMENT INSTRUMENT</u>	<u>TESTS ADMINISTERED</u>
SAQ-Adult Probation	15,288
Prison Inmate Inventory	4,757

Descriptions of these assessment instruments and the people evaluated are presented in the Appendix, which begins on page 23. **Appendix A** (page 23) SAQ-Adult Probation; **Appendix B** (pg. 25) SAQ-Adult Probation Demographics, Monthly Probationer Count, and County of Arrest; **Appendix C** (pg. 31) SAQ-Adult Probation Summary Page for each Test Site; **Appendix D** (pg. 75) Prison Inmate Inventory; **Appendix E** (pg. 77) PII Monthly Inmate Count, PII Demographics, and History; **Appendix F** (pg. 85) PII Summary Page for each Test Institution.

**The scoring accuracy for the SAQ-Adult Probation is demonstrated on page 3. And, the scoring accuracy for the PII is presented on page 16.** Both of these assessment instruments are very accurate. Accuracy is reported in terms of the percentage of individuals categorized in each of four risk ranges. Actually obtained percentages are compared to predicted percentages.

<u>RISK CATEGORY</u>	<u>RISK RANGE</u>	<u>PREDICTED PERCENTAGE</u>
Low Risk	0 to 39 <sup>th</sup> percent	39 percent
Medium Risk	40 to 69 <sup>th</sup> percent	30 percent
<b>Problem Risk</b>	70 to 89 <sup>th</sup> percent	20 percent
<b>Severe Problem</b>	90 to 100 <sup>th</sup> percent	11 percent

Behavior Data Systems, Ltd. would like to thank all State of Missouri Department of Corrections staff for their continued interest, time and participation. Their cooperation made this report possible. This report is provided free, as a professional courtesy.

Behavior Data Systems, Ltd.  
P.O. Box 44256  
Phoenix, Arizona 85064-4256  
Telephone: (800) 231-2401  
Fax: (602) 266-8227  
E-mail: bds@bdsLtd.com  
Website: www.bdsLtd.com

## TABLE OF CONTENTS

SAQ-Adult Probation .....	1
SAQ Accuracy .....	3
SAQ-Adult Probation History .....	4
SAQ-Adult Probation Self-Perceptions .....	6
SAQ-Adult Probation Results by Test Site District .....	7
Prison Inmate Inventory .....	14
PII Accuracy .....	16
PII Self-Reported History .....	17
PII Self-Perceptions .....	18
PII Assessment by Test Site Institution .....	20
Appendix A: SAQ-Adult Probation .....	22
Appendix B: Demographics, Monthly Count, County of Arrest .....	24
Appendix C: SAQ-Adult Probation, Test Site Summary Page .....	30
Appendix D: Prison Inmate Inventory (PII) .....	74
Appendix E: PII, Monthly Inmate Count, Demographics and History .....	76
Appendix F: PII, Test Site Summary Page .....	84
Summary .....	97

# **Substance Abuse Questionnaire**

(15,288 probationers were administered the SAQ)

From January 1, 1997 through December 31, 1997 there were 15,061 tests taken.  
There were 89 tests taken prior to January 1997  
and 138 tests taken after December 1997.

## **Summary of Findings**

This report summarizes all test results received which include the period January 1, 1997 through December 31, 1997 and all other tests received that were administered prior to January 1997 and after December 1997. A total of 15,061 Missouri SAQ-Adult Probation, and 4,079 Missouri Prison Inmate Inventory (PII) tests were completed between January and December of 1997. An additional 227 SAQ-Adult Probation, and 678 Missouri Prison Inmate Inventory results are described and analyzed in this report.

### **Summary of Missouri SAQ-Adult Probation**

#### Treatment

Over 18 percent (18.3%) of the probationers (2,773 individuals) received prior inpatient treatment referrals. Similarly, 19.4 percent or 2,946 of the probationers received one or more prior outpatient treatment referrals. Over two-thirds (72.0%) of the probationers had no prior treatment referrals.

Probationer self-report responses indicate that 31 percent or 4,721 of the probationers had prior treatment for alcohol abuse one or more times. Almost fifteen percent or 2,270 of the probationers had two or more prior alcohol treatments. Over one-fourth (28.4%) of the probationers had prior treatment for drug abuse and 12.7 percent had two or more prior drug treatments.

Probationers' test item responses indicate that 30 percent of the probationers were motivated to seek treatment for alcohol. 16.0 percent of the probationers indicated they were "highly motivated" for alcohol treatment. Probationers' responses indicated that 32.6 percent or 4,977 of the probationers were motivated to seek treatment for drugs. Over 18 percent or 2,765 of the probationers indicated they were "highly motivated" for drug treatment.

#### Substance Abuse Problem

Over one-third of the probationers (39.9% of the males and 19.3% of the females) reported one or more alcohol arrests. Over 38 percent or 5,539 of the probationers (39.9% of the males and 31% of the females) reported one or more drug arrests. These percentages are based on probationers' self-report.

Nearly forty-four percent or 6,678 of the probationers indicated they were recovering alcoholics, drug abusers or both. There was a slightly higher percentage of recovering drug abusers than recovering alcoholics. These percentages are based on probationers' self-report.

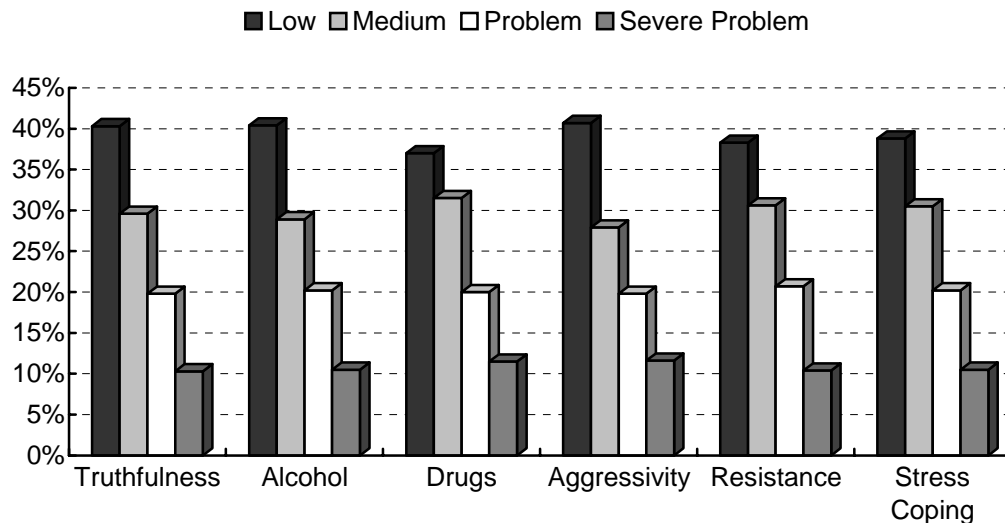
#### Emotional or Mental Health

Probationers' test item responses indicate that 11.8 percent or 1,473 males and 10.6 percent or 299 females reported suicidal or homicidal ideation during the past six months.

## Missouri SAQ-Adult Probation Risk Assessment

Obtained risk range percentages are based solely upon attained scale scores. The pattern of responding to SAQ-Adult Probation scale items determines each probationer's scale score. And, the cumulative distributions of scale scores for all probationers establish the obtained risk range percentages. This sample contains 15,288 probationers.

### Obtained Risk Range Percentages for Each Missouri SAQ Scale



OBTAINED PERCENTAGES FOR SAQ SCALES (N=15,288)							
	Truthfulness	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping	Predicted
Risk Range	%	%	%	%	%	%	%
Low	40.3	40.4	37.0	40.7	38.3	38.8	<b>39%</b>
Medium	29.6	28.9	31.5	27.9	30.6	30.5	<b>30%</b>
Problem	19.8	20.2	20.0	19.8	20.7	20.2	<b>20%</b>
Severe Problem	10.3	10.5	11.5	11.6	10.4	10.5	<b>11%</b>

For all of the six SAQ scales the obtained risk range percentages were within 2.1 percent of the predicted risk range percentages. This is very accurate assessment. Of the 24 possibilities (6 scales x 4 risk ranges), there were only seven instances where the obtained risk range percentage deviated from the predicted by more than one percentage point. Conversely, there are 17 instances where the obtained and the predicted percentages are within one percentage point. **These results demonstrate the accuracy of the Missouri SAQ.** Probationer Risk Assessment by Test Site District tables are presented on pages 7 through 13 of this report.

## Missouri SAQ Offender Self-Reported History

Number of Referrals	Prior Prison Sentences					
	Males		Females		Total	
	N	%	N	%	N	%
0	9,993	81.2	2,637	93.9	12,630	83.5
1	1,475	12.0	123	4.4	1,598	10.6
2	524	4.3	24	0.9	548	3.6
3	189	1.5	14	0.5	203	1.3
4	75	0.6	5	0.2	80	0.5
5	22	0.2	1	0.1	23	0.2
6 or more	35	0.3	3	0.1	38	0.3

Note: There were 168 cases with missing information out of 15,288 tests.

Number of Referrals	Prior Nonprison Sentences					
	Males		Females		Total	
	N	%	N	%	N	%
0	6,478	52.7	1,940	69.1	8,418	55.7
1	2,953	24.0	496	17.7	3,449	22.8
2	1,459	11.9	206	7.3	1,665	11.0
3	683	5.6	86	3.1	769	5.1
4	304	2.5	35	1.2	339	2.2
5	158	1.3	16	0.6	174	1.2
6 or more	268	2.2	27	1.0	295	2.0

Note: There were 179 cases with missing information.

With regard to prior prison sentences, 83.5 percent (12,630 individuals) reported no prior prison sentences, whereas, 10.6 percent (1,598 individuals) reported one prior prison sentence, 3.6 percent (548 individuals) reported two prior prison sentences, and 2.3 percent (344 individuals) reported three or more prior prison sentences. More males reported prior prison sentences than females.

With regard to prior nonprison sentences, 55.7 percent (8,418 individuals) reported no prior nonprison sentences, 22.8 percent (3,449 individuals) reported one prior nonprison sentence, 11.0 percent (1,665 individuals) reported two prior nonprison sentences, and 10.5 percent (1,577 individuals) reported three or more prior nonprison sentences. Again, males reported more prior nonprison sentences than females.

## Missouri SAQ Offender Self-Reported History (continued)

Number of Referrals	Prior Inpatient Treatment Referrals					
	Males		Females		Total	
	N	%	N	%	N	%
0	10,036	81.2	2,357	83.9	12,393	81.7
1	1,506	12.2	297	10.6	1,803	11.9
2	490	4.0	94	3.3	584	3.9
3	173	1.4	29	1.0	202	1.3
4	62	0.5	15	0.5	77	0.5
5	35	0.3	7	0.2	42	0.3
6 or more	56	0.5	9	0.3	65	0.4

Note: There were 122 cases with missing information out of 15,288 tests.

Number of Referrals	Prior Outpatient Treatment Referrals					
	Males		Females		Total	
	N	%	N	%	N	%
0	9,884	80.0	2,334	83.1	12,218	80.6
1	1,801	14.6	364	13.0	2,165	14.3
2	462	3.7	74	2.6	536	3.5
3	131	1.1	20	0.7	151	1.0
4	37	0.3	8	0.3	45	0.3
5	18	0.1	1	0.1	19	0.1
6 or more	23	0.2	7	0.2	30	0.2

Note: There were 124 cases with missing information.

No Referrals	No Prior Inpatient or Outpatient Treatment Referrals					
	Males		Females		Total	
	N	%	N	%	N	%
No Referrals	8,864	71.1	2,149	76.0	11,013	72.0

With regard to inpatient treatment referrals, 18.3 percent of the probationers (2,773 individuals) had received one or more inpatient referrals and 6.4 percent (970 individuals) received two or more inpatient referrals. There were more males who had received inpatient treatment referrals than females.

With regard to outpatient treatment referrals, 19.4% of the probationers (2,946 individuals) had received one or more outpatient referrals and 5.1 percent or 781 individuals received two or more outpatient referrals. Again, more males had received outpatient treatment referrals than females.



## Missouri SAQ Probationer Self-Perceptions

These percentages represent the client's own opinions or perceptions of his or her problems, as well as his or her motivation for help. The total number of clients responding to these statements was 15,288 (12,461 Males and 2,827 Females).

<b>Alcohol and Drug Problems</b>	<b>Males %</b>	<b>Females %</b>
#145. How many treatment programs for alcohol problems have you been in?		
1. One .....	17.7	9.2
2. Two or three .....	12.0	5.4
3. Four or more .....	4.5	2.6
#146. How many treatment programs for drug problems have you been in?		
1. One .....	16.4	12.6
2. Two or three .....	9.7	7.1
3. Four or more .....	3.6	2.7

## Alcohol and Drug Treatment

#150. How would you describe your desire to get alcohol treatment?		
1. Highly motivated .....	17.8	7.9
2. Moderately motivated .....	7.7	3.2
3. Slightly motivated .....	8.0	3.5
#151. How would you describe your desire to get drug treatment?		
1. Highly motivated .....	19.2	13.5
2. Moderately motivated .....	7.8	5.4
3. Slightly motivated .....	7.4	6.2
#149. I am a recovering:		
1. Alcoholic .....	15.0	6.1
2. Drug abuser .....	17.3	16.1
3. Both 1 and 2 .....	14.4	8.7

## Emotional Problems

#142. During the last six months, I have been:		
1. Dangerous to myself.....	5.3	6.1
2. Dangerous to others .....	2.8	1.6
3. Both 1 and 2 .....	3.7	2.9

Question #142 solicits probationers' self-report regarding violence. Of the 15,288 probationers, 836 (5.5%) report in the last six months they were dangerous to themselves, 393 (2.6%) reported they were dangerous to others, and 543 (3.6%) reported they were dangerous to themselves and others.

## Missouri SAQ Probationer Risk Assessment by Test Site District

Probationer risk assessment for each Test Site District is presented in separate tables and can be compared directly with the table presented in the figure on page 3. Each Test Site District is identified at the left of the table with the number of probationers tested at the district shown below. These Probationer Risk Assessment by Test Site District tables show that risk range percentages vary among the different Test Site Districts. This variation may be due to a number of factors, such as, probationer attitudes, relationships with others and number of probationers tested.

Missouri SAQ scoring procedures are standardized on a statewide basis. Those Districts with the highest number of probationers in the database contribute more toward this standardization than Districts with fewer probationers. This means that each probationer is being assessed in comparison to all other probationers in the state. Adjustments can be made to SAQ scale scoring procedures to account for differences between Districts or geographical regions if that is desired.

## Missouri SAQ Probationer Risk Assessment by Test Site District

District 1	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=639	Low	34.7	38.5	43.5	47.3	32.1	46.8
	Medium	31.6	32.6	34.1	29.0	31.5	31.6
	Problem	18.9	20.8	16.0	15.6	22.4	15.6
	Severe Problem	14.7	8.1	6.4	8.1	14.1	5.9

District 2	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=440	Low	47.3	45.0	47.5	43.4	38.6	37.5
	Medium	27.5	27.3	31.1	24.1	26.8	32.5
	Problem	17.3	17.7	14.8	20.0	18.2	19.5
	Severe Problem	8.0	10.0	6.6	12.5	16.4	10.5

District 3	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=173	Low	38.2	39.3	45.1	42.2	38.7	35.3
	Medium	38.7	28.3	31.2	26.0	27.7	31.8
	Problem	15.0	20.8	17.3	19.7	20.2	23.1
	Severe Problem	8.1	11.6	6.4	12.1	13.3	9.8

District 4	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=222	Low	22.5	38.3	32.4	33.3	20.3	37.4
	Medium	30.6	36.9	43.7	32.4	31.5	34.7
	Problem	24.8	20.3	18.0	22.5	34.2	20.7
	Severe Problem	22.1	4.5	5.9	11.7	14.0	7.2

NOTE: Percentages are based on data contained on returned diskettes.

## Missouri SAQ Probationer Risk Assessment by Test Site District

District 4B	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=412	Low	37.4	44.9	17.2	36.9	42.0	35.4
	Medium	29.9	32.0	23.8	28.9	36.4	26.5
	Problem	25.0	17.5	37.9	21.8	15.8	24.3
	Severe Problem	7.8	5.6	21.1	12.4	5.8	13.8

District 4C	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=133	Low	18.0	30.1	28.6	28.6	16.5	43.6
	Medium	27.8	45.9	45.9	42.9	32.3	28.6
	Problem	32.3	20.3	23.3	24.1	38.3	21.1
	Severe Problem	21.8	3.8	2.3	4.5	12.8	6.8

District 4R	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=663	Low	35.7	27.3	17.8	34.5	40.3	32.0
	Medium	30.5	32.7	33.0	30.2	33.3	30.3
	Problem	23.7	29.3	31.2	22.8	20.7	26.7
	Severe Problem	10.1	10.7	17.9	12.5	5.7	11.0

District 4W	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=163	Low	20.2	33.7	28.8	32.5	29.4	38.7
	Medium	31.3	45.4	42.3	38.7	27.0	33.7
	Problem	29.4	16.6	22.7	22.7	30.1	20.2
	Severe Problem	19.0	4.3	6.1	6.1	13.5	7.4

District 5	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=222	Low	46.4	50.5	37.8	41.0	32.4	39.2
	Medium	24.3	28.8	36.0	28.4	34.2	30.2
	Problem	16.7	15.8	17.1	18.0	17.6	21.2
	Severe Problem	12.6	5.0	9.0	12.6	15.8	9.5

District 6	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=511	Low	43.6	40.7	41.1	42.3	38.6	42.3
	Medium	27.4	26.6	32.3	28.2	33.1	30.7
	Problem	17.4	19.4	15.5	20.0	19.4	16.6
	Severe Problem	11.5	13.3	11.2	9.6	9.0	10.4

District 7C	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=505	Low	29.1	36.4	27.9	34.5	38.8	43.2
	Medium	37.6	35.0	38.8	29.1	36.4	25.9
	Problem	20.6	21.8	24.2	24.8	20.4	22.2
	Severe Problem	12.7	6.7	9.1	11.7	4.4	8.7

NOTE: Percentages are based on data contained on returned diskettes.

## Missouri SAQ Probationer Risk Assessment by Test Site District

District 7N	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=703	Low	26.3	35.6	27.7	30.6	26.0	39.3
	Medium	30.6	40.0	40.1	33.0	34.3	29.4
	Problem	28.9	19.8	21.3	25.3	27.6	18.9
	Severe Problem	14.2	4.7	10.8	11.1	12.1	12.4

District 7S	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=373	Low	27.1	49.1	41.8	37.0	27.6	48.8
	Medium	35.1	36.7	39.7	31.6	33.8	26.3
	Problem	20.9	10.5	14.5	22.3	28.2	17.7
	Severe Problem	16.9	3.8	4.0	9.1	10.5	7.2

District 8C	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=369	Low	33.1	44.2	37.1	45.0	37.9	43.6
	Medium	30.9	29.0	37.4	29.8	32.5	31.4
	Problem	24.4	19.2	20.3	19.8	23.0	18.4
	Severe Problem	11.7	7.6	5.1	5.4	6.5	6.5

District 8N	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=634	Low	23.7	48.3	45.0	39.4	26.5	52.2
	Medium	33.0	37.9	39.6	33.1	32.5	26.8
	Problem	26.5	11.8	12.1	21.3	30.6	14.4
	Severe Problem	16.9	2.1	3.3	6.2	10.4	6.6

District 8S	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=272	Low	30.9	41.2	44.1	46.7	26.8	57.4
	Medium	29.4	36.0	37.5	33.8	32.0	22.8
	Problem	21.7	16.2	15.4	13.2	27.2	10.3
	Severe Problem	18.0	6.6	2.9	6.3	14.0	9.6

District 9	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=522	Low	49.0	51.9	47.3	44.4	39.3	37.5
	Medium	26.8	22.8	31.8	25.9	28.0	29.5
	Problem	17.0	18.2	14.8	17.2	20.9	19.5
	Severe Problem	7.1	7.1	6.1	12.5	11.9	13.4

NOTE: Percentages are based on data contained on returned diskettes.

## Missouri SAQ Probationer Risk Assessment by Test Site District

District 10  N=540	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	44.3	42.2	39.6	44.4	36.9	39.8
	Medium	27.2	28.5	31.7	26.7	31.9	31.7
	Problem	20.2	16.7	20.6	18.9	19.4	17.8
	Severe Problem	8.3	12.6	8.1	10.0	11.9	10.7

District 10R  N=81	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	63.0	27.2	28.4	44.4	60.5	21.0
	Medium	24.7	14.8	23.5	17.3	23.5	38.3
	Problem	9.9	32.1	27.2	24.7	7.4	27.2
	Severe Problem	2.5	25.9	21.0	13.6	8.6	13.6

District 11  N=108	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	43.5	52.8	49.1	42.6	30.6	38.0
	Medium	27.8	21.3	34.3	27.8	31.5	34.3
	Problem	21.3	18.5	15.7	17.6	24.1	14.8
	Severe Problem	7.4	7.4	0.9	12.0	13.9	13.0

District 12  N=547	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	44.8	49.4	39.1	42.6	44.4	38.6
	Medium	32.5	23.8	35.1	23.2	27.8	29.3
	Problem	17.0	19.6	19.0	17.0	17.7	18.3
	Severe Problem	5.7	7.3	6.8	17.2	10.1	13.9

District 13  N=184	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	34.8	38.6	48.4	43.5	34.2	34.2
	Medium	35.9	29.9	32.6	31.5	26.1	34.8
	Problem	19.6	24.5	16.8	15.2	28.3	20.7
	Severe Problem	9.8	7.1	2.2	9.8	11.4	10.3

District 14  N=367	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	38.7	48.2	45.5	40.6	29.7	43.3
	Medium	31.6	30.0	36.0	30.0	29.4	28.1
	Problem	18.0	18.0	14.4	17.7	27.8	19.6
	Severe Problem	11.7	3.8	4.1	11.7	13.1	9.0

District 15  N=387	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	38.2	41.3	48.1	51.7	41.9	45.5
	Medium	30.2	30.7	31.5	23.8	26.1	28.4
	Problem	20.4	19.6	15.5	17.1	19.9	18.3
	Severe Problem	11.1	8.3	4.9	7.5	12.1	7.8

NOTE: Percentages are based on data contained on returned diskettes.

## Missouri SAQ Probationer Risk Assessment by Test Site District

District 16	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=303	Low	42.9	47.2	47.5	50.2	39.6	41.9
	Medium	28.4	25.4	33.0	23.4	33.3	33.0
	Problem	21.5	19.1	16.8	17.5	18.8	18.8
	Severe Problem	7.3	8.3	2.6	8.9	8.3	6.3

District 17	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=680	Low	41.0	44.1	54.1	49.6	40.6	49.7
	Medium	25.7	26.5	28.2	26.6	28.7	29.0
	Problem	22.6	16.3	13.4	14.3	19.6	13.5
	Severe Problem	10.6	13.1	4.3	9.6	11.2	7.8

District 18	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=116	Low	45.7	44.0	50.0	41.4	38.8	40.5
	Medium	25.0	23.3	31.9	27.6	31.0	39.7
	Problem	22.4	19.8	10.3	20.7	18.1	12.1
	Severe Problem	6.9	12.9	7.8	10.3	12.1	7.8

District 19	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=228	Low	42.5	49.6	42.5	54.4	43.4	43.9
	Medium	28.1	21.9	31.6	27.6	30.3	34.2
	Problem	19.7	15.8	18.4	11.4	14.5	14.5
	Severe Problem	9.6	12.7	7.5	6.6	11.8	7.5

District 20	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=394	Low	34.8	44.9	49.0	47.5	25.6	48.0
	Medium	33.5	28.9	34.3	29.4	28.2	24.9
	Problem	22.1	19.3	11.7	12.7	26.1	18.5
	Severe Problem	9.6	6.9	5.1	10.4	20.1	8.6

District 21	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=252	Low	39.3	36.5	46.0	39.3	38.1	40.5
	Medium	33.3	32.1	27.8	32.5	25.0	29.0
	Problem	15.1	21.8	21.0	18.7	20.6	19.4
	Severe Problem	12.3	9.5	5.2	9.5	16.3	11.1

District 22	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=508	Low	44.5	47.0	51.0	45.1	36.2	35.8
	Medium	26.8	25.0	28.0	26.0	28.5	34.8
	Problem	18.7	19.3	15.0	18.7	20.5	17.9
	Severe Problem	10.0	8.7	6.1	10.2	14.8	11.4

NOTE: Percentages are based on data contained on returned diskettes.

## Missouri SAQ Probationer Risk Assessment by Test Site District

District 23  N=361	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	42.7	41.3	38.5	36.8	31.0	31.3
	Medium	28.8	31.9	32.7	24.4	31.9	31.0
	Problem	19.1	18.0	21.6	24.7	25.2	19.7
	Severe Problem	9.4	8.9	7.2	14.1	11.9	18.0

District 24  N=193	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	35.2	50.3	38.3	44.6	29.0	45.1
	Medium	27.5	30.6	35.8	30.1	37.3	33.7
	Problem	25.9	13.0	20.2	17.1	18.1	11.9
	Severe Problem	11.4	6.2	5.7	8.3	15.5	9.3

District 25  N=285	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	46.0	41.8	39.3	36.5	34.0	32.3
	Medium	31.6	27.0	31.6	31.2	32.3	35.4
	Problem	14.4	21.8	22.1	19.3	22.1	21.8
	Severe Problem	8.1	9.5	7.0	13.0	11.6	10.5

District 26  N=170	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	39.4	41.2	48.2	48.2	37.1	38.2
	Medium	25.9	28.2	28.2	25.9	32.9	34.1
	Problem	24.7	17.1	18.8	18.2	21.2	16.5
	Severe Problem	10.0	13.5	4.7	7.6	8.8	11.2

District 27  N=218	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	40.8	37.6	48.6	43.1	41.3	39.0
	Medium	25.2	35.8	37.6	24.3	23.4	33.9
	Problem	22.0	17.9	11.0	24.8	25.2	17.0
	Severe Problem	11.9	8.7	2.8	7.8	10.1	10.1

District 28  N=274	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	30.7	47.1	42.0	40.1	35.0	45.6
	Medium	31.0	31.4	33.2	31.4	27.7	28.8
	Problem	23.0	13.5	17.9	17.5	24.5	17.9
	Severe Problem	15.3	8.0	6.9	10.9	12.8	7.7

District 29  N=203	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
	Low	39.4	48.3	49.8	46.8	32.5	40.4
	Medium	27.6	29.6	29.1	24.6	27.1	33.0
	Problem	24.6	15.3	15.3	19.2	25.1	18.2
	Severe Problem	8.4	6.9	5.9	9.4	15.3	8.4

NOTE: Percentages are based on data contained on returned diskettes.

## Missouri SAQ Probationer Risk Assessment by Test Site District

District BTC	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=178	Low	61.2	29.8	20.2	31.5	65.2	27.0
	Medium	21.9	18.5	15.7	28.1	24.2	33.7
	Problem	11.8	22.5	25.3	23.6	6.7	27.5
	Severe Problem	5.1	29.2	38.8	16.9	3.9	11.8

District FCC	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=57	Low	43.9	49.1	19.3	31.6	52.6	28.1
	Medium	24.6	29.8	35.1	17.5	19.3	42.1
	Problem	24.6	17.5	38.6	35.1	14.0	21.1
	Severe Problem	7.0	3.5	7.0	15.8	14.0	8.8

District FTC	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=1,595	Low	60.6	23.5	12.2	33.8	60.3	20.1
	Medium	27.1	17.7	14.3	22.6	29.3	31.8
	Problem	9.6	31.6	30.6	23.0	8.2	32.7
	Severe Problem	2.7	27.1	42.9	20.6	2.3	15.4

District MATC	Risk Range	Validity	Alcohol	Drugs	Aggressivity	Resistance	Stress Coping
		%	%	%	%	%	%
N=102	Low	71.6	26.5	23.5	25.5	60.8	20.6
	Medium	20.6	10.8	17.6	27.5	34.3	31.4
	Problem	5.9	29.4	25.5	20.6	2.9	29.4
	Severe Problem	2.0	33.3	33.3	26.5	2.0	18.6

This completes the summary of Missouri SAQ-Adult Probation test results from January 1, 1997 through December 31, 1997. As noted earlier, 15,061 SAQ's were administered with an additional 227 tests that were received after the previous report that do not fall within the 1997 annual cycle. Demographic, prior history and test utilization tables for the Missouri SAQ are presented in the Appendix of this report. The Missouri PII test results are presented on the following pages.



## **Prison Inmate Inventory**

(4,757 inmates were administered the PII)

January 1, 1997 through December 31, 1997 (N=4,079)

There were 678 tests taken prior to  
January 1997 that were not returned in time for the previous report.

## Treatment

Two-thirds of the inmates (62.0% of the males and 51.7% of the females) had no prior inpatient treatment referrals. Twenty-three percent (1,094 inmates) reported one prior inpatient treatment referral. Similarly, two-thirds of the inmates (68.2% of the males and 60.9% of the females) reported no prior outpatient treatment referrals and over 22 percent (1,050 inmates) reported one prior outpatient treatment referral. Over half of the inmates (51.8% of the males and 46.7% of the females) had no inpatient and no outpatient referrals for chemical dependency treatment.

Inmate self-report regarding having had inpatient or outpatient treatment (responses to test question #104) indicates that 11.6 percent of the inmates had treatment for alcohol problems, 20.3 percent had treatment for drug problems and 17.2 percent of the inmates had treatment for both alcohol and drugs. Nearly one-fourth of the inmates indicated having been in one substance abuse program (responses to test question #119), 17 percent indicated having been in two programs and 15.6 percent of the inmates indicated having been in three or more substance abuse programs.

## Substance Abuse Problem

Inmates' self-perceptions of their alcohol problem indicated that over 32 percent or 1,551 inmates believe they have a slight, moderate or serious drinking problem. There were 44.8 percent or 2,120 inmates who rated their drug use as a slight, moderate or serious problem. And, nearly one-third of the inmates (29.3%) indicated they worry about using drugs when they leave prison, 13.4 percent worry about drinking.

Over thirty-six percent of the inmates or 1,727 inmates reported they had one or more alcohol arrests. Also, 46.3 percent or 2,189 inmates reported one or more drug arrests. Over one-fourth of the inmates (26.3% of the males and 20.2% of the females) reported one or more DUI/DWI arrests.

## Prior History

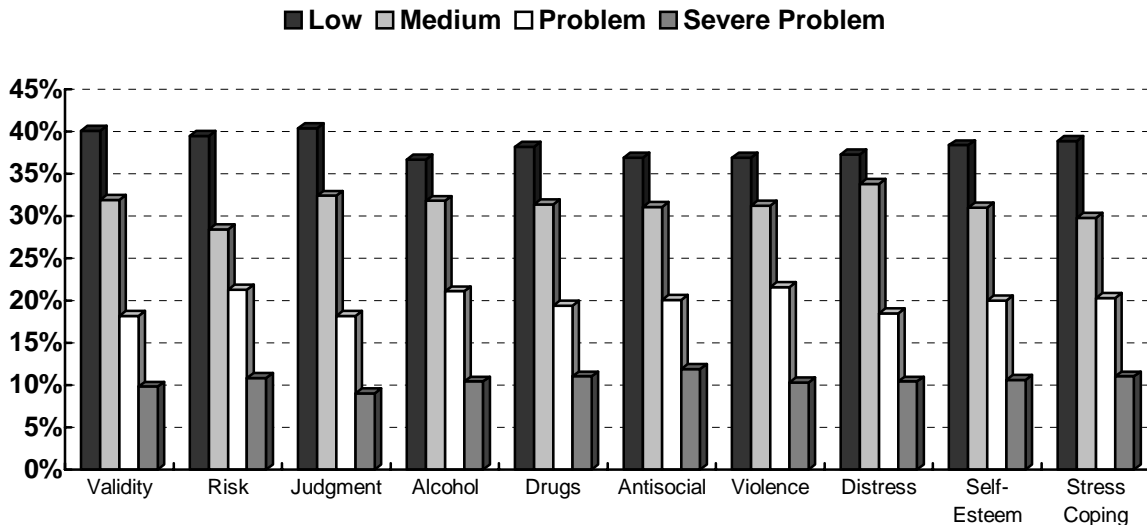
Over 39 percent of the inmates (39% of the males and 40.7% of the females) reported one or more prior prison sentences. Nearly two-thirds of the inmates (64.2% of the males and 59.6% of the females) reported one or more nonprison sentences.

Inmate self-report regarding age of first arrest, indicated that over one-third of the inmates (42.4% of the males and 18.3% of the females) received their first arrest before the age of 17 years. Over nineteen percent of the inmates (20.5% of the males and 5.4% of the females) reported their first conviction before the age of 17 years. Nearly one-third of the inmates had their first arrest and their first conviction at 17 or 18 years of age.

## Missouri PII Inmate Risk Assessment

The analysis of inmate risk assessment is similar to that used for the Missouri SAQ-Adult Probation. There were 4,757 inmates who completed the Missouri PII. The percentage of inmates falling into each risk range for each PII scale is presented below.

### Missouri PII Inmate Risk Assessment



	Validity	Risk	Judgment	Alcohol	Drugs	Antisocial	Violence	Distress	Self-Esteem	Stress Coping	Predicted
Risk Range	%	%	%	%	%	%	%	%	%	%	%
Low	40.1	39.5	40.4	36.7	38.2	36.9	36.9	37.3	38.4	38.9	39%
Medium	31.9	28.4	32.4	31.8	31.4	31.1	31.2	33.8	31.0	29.8	30%
Problem	18.2	21.3	18.2	21.1	19.4	20.1	21.6	18.5	20.0	20.3	20%
Severe Problem	9.8	10.8	9.0	10.4	11.0	11.9	10.3	10.4	10.6	11.0	11%

**For the 10 Missouri PII scales, all of the obtained risk range percentages were within 3.8 percent of the predicted risk range percentages.** Of the 40 possibilities (10 scales x 4 risk ranges), there were 18 instances where the obtained and the predicted percentages were within one percentage point. There were only five instances where the difference between obtained and predicted risk ranges were more than two percentage points. This is very accurate assessment. These results help to demonstrate the accuracy of the Missouri PII. Inmate Risk Assessment by Test Site Institute tables are presented on pages 20 and 21 at the end of this section of the report.

## Missouri PII Inmate Self-Reported History

Number of Sentences	Prior Prison Sentences					
	Males		Females		Total	
	N	%	N	%	N	%
0	2,698	61.0	188	59.3	2,886	60.9
1	1,001	22.6	73	23.0	1,074	22.6
2	411	9.3	32	10.1	443	9.3
3	179	4.0	14	4.4	193	4.1
4	69	1.6	6	1.9	75	1.6
5	34	0.8	2	0.6	36	0.8
6 or more	33	0.7	2	0.6	35	0.7

Note: There were 15 cases with missing information out of 4,757.

Number of Sentences	Prior Non-Prison Sentences					
	Males		Females		Total	
	N	%	N	%	N	%
0	1,587	35.8	128	40.4	1,715	36.1
1	1,186	26.8	109	34.4	1,295	27.3
2	699	15.8	45	14.2	744	15.7
3	416	9.4	23	7.3	439	9.3
4	200	4.5	2	0.6	202	4.3
5	117	2.6	6	1.9	123	2.6
6 or more	223	5.0	4	1.3	227	4.8

Note: There were 12 cases with missing information.

Over 60 percent of the inmates had no prior prison sentences. Over 22 percent or 1,074 inmates had one prior prison sentence and over 16 percent (782 inmates) reported two or more prior prison sentences.

Over one-third of the inmates (36.1%) had no prior nonprison sentences. There were very few gender differences for number of prior nonprison sentences. Over 27 percent of the inmates had one prior nonprison sentence.

Number of Referrals	Prior Inpatient Treatment Referrals					
	Males		Females		Total	
	N	%	N	%	N	%
0	2,742	62.0	164	51.7	2,906	61.3
1	1,018	23.0	76	24.0	1,094	23.1
2	385	8.7	45	14.2	430	9.1
3	139	3.1	16	5.0	155	3.3
4	57	1.3	6	1.9	63	1.3
5	26	0.6	5	1.6	31	0.7
6 or more	58	1.3	5	1.6	63	1.3

Note: There were 15 cases with missing information.

## Missouri PII Inmate Self-Reported History (continued)

Number of Referrals	Prior Outpatient Treatment Referrals					
	Males		Females		Total	
	N	%	N	%	N	%
0	3,019	68.2	193	60.9	3,212	67.7
1	975	22.0	75	23.7	1,050	22.1
2	277	6.3	23	7.3	300	6.3
3	86	1.9	16	5.0	102	2.1
4	31	0.7	3	0.9	34	0.7
5	11	0.2	4	1.3	15	0.3
6 or more	29	0.7	3	0.9	32	0.7

Note: There were 12 cases with missing information out of 4,757.

	No Prior Inpatient or Outpatient Treatment Referrals					
	Males		Females		Total	
	N	%	N	%	N	%
No Referrals	2,298	51.8	148	46.7	2,446	51.4

## Missouri PII Inmate Self-Perceptions

These percentages represent the client's own opinions or perceptions of his or her problems, as well as his or her motivation for help. The total number of clients responding to these statements was 4,757 (4,440 Males and 317 Females).

Alcohol and Drug Problems	Males %	Females %
#14. I have a drug problem .....	37.5	53.3
#42. I have a drinking problem.....	23.9	20.5
#26. I am concerned that, when I get out of prison, drinking will be a problem for me.....	13.7	9.5
#56. I am concerned about using drugs when I get out of prison.....	28.8	36.0
#96. How would you describe your drinking?		
1. A serious problem.....	16.1	12.9
2. A moderate problem .....	8.3	8.2
3. A slight problem .....	8.6	6.3
#98. How would you describe your drug use?		
1. A serious problem.....	23.9	30.9
2. A moderate problem .....	10.9	16.4
3. A slight problem .....	9.1	8.8

## Inmate Self-Perceptions, Continued

### Alcohol and Drug Treatment

	Males %	Females %
#104. I have been in inpatient or outpatient treatment for:		
1. Alcohol problems .....	11.9	7.3
2. Drug problems .....	19.3	33.8
3. Both 1 and 2.....	17.1	18.6
#119. How many different substance abuse programs have you been in?		
1. One .....	23.6	20.5
2. Two .....	17.1	17.0
3. Three or more .....	14.9	25.6

### Incarceration

#80. I will probably get arrested again in the future.....	14.7	9.5
#110. During the last ten years I have been in jail or prison:		
1. More than 5 years.....	25.2	15.5
2. Four or five years.....	12.6	10.7
3. Two or three years.....	19.0	18.0
4. Less than two years.....	43.2	55.8
#124. During the last six months, I have:		
1. Had disciplinary action taken against me .....	16.4	15.5
2. Lost privileges due to attitude or behavior.....	7.2	9.1
3. Written warning by guard or corrections officer.....	17.5	18.0
#126. During the last six months, I have been:		
1. Placed in Temporary Ad Seg Confinement .....	11.3	6.6
2. Placed in Administrative Segregation.....	6.3	3.8
3. Both 1 and 2.....	6.1	4.1

### Emotional Problems

#32. I am a violent person.....	10.3	10.1
#122. During the last six months, I have had:		
1. Serious emotional problems .....	14.8	19.9
2. Mental health problems .....	4.7	5.7
3. Both 1 and 2.....	8.9	12.3

## Missouri PII Inmate Risk Assessment by Test Site Institution

Separate tables of inmate risk assessment for each Test Site Institution are presented. Each institution is identified at the upper left of each table with the number of inmates tested given below the institution name. The Inmate Risk Assessment by Test Site Institution tables can be compared directly to the table on page 16.

Site ACC	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
N=244	Low	50.0	20.1	48.0	16.8	16.4	16.8	30.7	33.2	30.7	32.0
	Medium	31.1	31.1	27.5	20.5	37.3	34.4	27.9	31.6	39.3	25.4
	Problem	15.2	29.5	15.2	40.6	25.8	24.2	19.3	20.5	18.0	28.3
	Severe Problem	3.7	19.3	9.4	22.1	20.5	24.6	22.1	14.8	11.9	14.3

**Missouri PII Inmate Risk Assessment by Test Site Institution, continued**

Site	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-Social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
BCC N=1,359	Low	35.4	45.0	37.4	47.4	42.6	49.4	46.8	30.7	40.9	34.6
	Medium	38.2	31.9	33.9	30.2	31.0	31.6	28.9	33.9	30.8	31.3
	Problem	19.3	16.7	19.7	15.5	18.3	14.0	15.8	23.3	18.5	21.3
	Severe Problem	7.1	6.4	9.0	6.9	8.1	5.0	8.5	12.1	9.8	12.8

Site	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
CCC N=241	Low	46.9	40.7	43.2	39.0	27.4	41.1	50.6	27.4	35.3	27.8
	Medium	36.1	26.6	32.8	32.4	28.2	25.3	20.7	34.0	30.7	34.9
	Problem	13.7	22.8	19.1	18.3	32.0	22.4	18.7	26.1	22.0	24.1
	Severe Problem	3.3	10.0	5.0	10.4	12.4	11.2	10.0	12.4	12.0	13.3

Site	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
CMCC N=49	Low	40.8	30.6	30.6	22.4	36.7	22.4	42.9	44.9	24.5	26.5
	Medium	24.5	20.4	24.5	38.8	44.9	38.8	24.5	28.6	34.7	28.6
	Problem	22.4	30.6	26.5	28.6	12.2	26.5	24.5	20.4	28.6	30.6
	Severe Problem	12.2	18.4	18.4	10.2	6.1	12.2	8.2	6.1	12.2	14.3

Site	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
FCC N=1,005	Low	35.3	48.9	37.6	39.4	57.8	42.2	26.9	42.4	42.4	51.5
	Medium	29.8	26.9	32.1	35.1	30.5	31.8	37.9	34.8	29.0	21.4
	Problem	20.0	14.9	18.5	19.6	8.2	18.6	27.1	14.2	19.3	17.6
	Severe Problem	14.9	9.4	11.7	5.9	3.5	7.4	8.2	8.6	9.4	9.5

Site	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
JCCC N=154	Low	51.3	36.4	50.6	41.6	39.6	37.7	28.6	46.1	50.0	48.1
	Medium	28.6	33.1	29.2	26.0	35.1	32.5	32.5	27.9	31.8	30.5
	Problem	13.6	20.8	17.5	19.5	15.6	17.5	26.6	16.9	12.3	14.3
	Severe Problem	6.5	9.7	2.6	13.0	9.7	12.3	12.3	9.1	5.8	7.1

Site	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
MCC N=246	Low	30.5	38.2	32.9	34.1	43.9	36.6	32.5	29.7	32.1	35.8
	Medium	28.5	23.2	33.3	40.7	36.6	28.0	31.3	39.0	30.9	28.0
	Problem	25.6	26.0	18.7	17.1	14.2	23.2	28.9	13.8	23.6	18.3
	Severe Problem	15.4	12.6	15.0	8.1	5.3	12.2	7.3	17.5	13.4	17.9

**Missouri PII Inmate Risk Assessment by Test Site Institution, continued**

Site MECC  N=254	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
	Low	38.2	40.2	36.6	43.3	42.9	33.5	25.2	44.5	41.7	40.9
	Medium	26.8	24.4	31.1	32.7	35.0	31.5	32.7	29.9	26.4	28.7
	Problem	24.0	22.0	21.3	15.4	13.8	22.4	29.1	16.5	24.8	20.9
	Severe Problem	11.0	13.4	11.0	8.7	8.3	12.6	13.0	9.1	7.1	9.4
Site OCC  N=671	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
	Low	58.7	20.3	52.5	22.1	8.5	11.6	33.2	43.8	27.7	28.3
	Medium	29.8	27.4	31.0	27.1	21.8	27.1	27.9	31.4	37.3	40.7
	Problem	7.7	33.1	12.4	29.5	38.6	33.2	23.7	17.9	22.2	22.2
	Severe Problem	3.7	19.2	4.2	21.3	31.1	28.0	15.2	6.9	12.8	8.8
Site PCC  N=9	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
	Low	55.6	44.4	44.4	55.6	33.3	33.3	22.2	44.4	33.3	55.6
	Medium	11.1	0	22.2	22.2	44.4	22.2	44.4	33.3	11.1	0
	Problem	22.2	33.3	22.2	11.1	22.2	22.2	11.1	22.2	22.2	22.2
	Severe Problem	11.1	22.2	11.1	11.1	0	22.2	22.2	0	33.3	22.2
Site RCC  N=64	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
	Low	46.9	56.3	45.3	53.1	42.2	53.1	48.4	40.6	56.3	46.9
	Medium	21.9	26.6	37.5	31.3	17.2	31.3	32.8	39.1	20.3	32.8
	Problem	15.6	14.1	15.6	7.8	29.7	10.9	12.5	10.9	14.1	9.4
	Severe Problem	15.6	3.1	1.6	7.8	10.9	4.7	6.3	9.4	9.4	10.9
Site TTC  N=24	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
	Low	41.7	29.2	33.3	4.2	16.7	29.2	29.2	37.5	12.5	50.0
	Medium	16.7	16.7	41.7	33.3	54.2	33.3	41.7	29.2	16.7	29.2
	Problem	25.0	33.3	20.8	45.8	16.7	16.7	25.0	33.3	33.3	16.7
	Severe Problem	16.7	20.8	4.2	16.7	12.5	20.8	4.2	0	37.5	4.2
Site 0004  N=326	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
	Low	24.2	43.6	31.6	24.5	40.5	37.7	41.7	37.4	42.3	48.2
	Medium	30.1	27.3	34.7	39.9	40.8	36.5	35.9	37.4	26.4	27.3
	Problem	25.8	22.7	24.5	26.4	13.2	15.6	17.2	14.4	19.6	16.3
	Severe Problem	19.9	6.4	9.2	9.2	5.5	10.1	5.2	10.7	11.7	8.3



**Missouri PII Inmate Risk Assessment by Test Site Institution, continued**

Site	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
0025	Low	81.3	37.5	62.5	62.5	62.5	43.8	25.0	50.0	50.0	37.5
	Medium	12.5	37.5	37.5	18.8	31.3	50.0	43.8	31.3	25.0	43.8
N=16	Problem	0	18.8	0	12.5	6.3	0	18.8	6.3	12.5	12.5
	Severe Problem	6.3	6.3	0	6.3	0	6.3	12.5	12.5	12.5	6.3

Site	Risk Range	Validity	Risk	Judgment	Alcohol	Drugs	Anti-social	Violence	Distress	Self-Esteem	Stress-Coping
		%	%	%	%	%	%	%	%	%	%
0026	Low	37.9	31.6	46.3	24.2	25.3	24.2	40.0	46.3	41.1	42.1
	Medium	25.3	28.4	29.5	36.8	40.0	30.5	26.3	33.7	27.4	30.5
N=95	Problem	21.1	25.3	11.6	27.4	23.2	25.3	21.1	14.7	22.1	21.1
	Severe Problem	15.8	14.7	12.6	11.6	11.6	20.0	12.6	5.3	9.5	6.3

**Appendix A**

**SAQ-Adult Probation**

## Missouri SAQ Description

The **Missouri SAQ-Adult Probation** (hereinafter referred to as the **SAQ**) is a 153 item test designed for adult probation department offender assessment. The SAQ identifies substance (alcohol and other drugs) abusers, inappropriate aggressive behavior and individuals that do not cope effectively with stress.

### SAQ-ADULT PROBATION

**TRUTHFULNESS (VALIDITY) SCALE:** detects denial and reveals faking. It measures the truthfulness of the probationer.

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

**ALCOHOL SCALE:** measures alcohol proneness and the magnitude of alcohol-related problems.

**RESISTANCE SCALE:** measures uncooperative and resistant attitudes as well as noncompliant behavior.

**DRUGS SCALE:** measures drug (marijuana, cocaine, crack, heroin, etc.) abuse and drug-related problems.

**STRESS COPING ABILITIES SCALE:** measures probationer's ability to cope effectively with stress, tension and anxiety.

Meaningful probationer assessment involves measuring risk on each of the SAQ scales. The risk range classifications are presented here to facilitate comparisons between probationers' obtained risk ranges and the predicted risk ranges as presented in this table.

### PREDICTED PERCENTAGES FOR EACH RISK CLASSIFICATION RANGE

CLASSIFICATION	RISK RANGE	PREDICTED PERCENTAGE
Low Risk	0 to 39th percentile	<b>39 %</b>
Medium Risk	40 to 69th percentile	<b>30 %</b>
Problem Risk	70 to 89th percentile	<b>20 %</b>
Severe Problem	90 to 100th percentile	<b>11 %</b>

The accuracy of the SAQ will be determined by how close the probationers' obtained risk ranges are to the predicted percentages as presented in the right column in the table above. The smaller the differences between obtained and predicted risk ranges, the more accurate the SAQ is.

**Appendix B**

**SAQ-Adult Probation  
Monthly Probationer Count  
County of Arrest**

Missouri probationer demographics are obtained from SAQ answer sheets. Probationers provide personal demographic information along with the number of alcohol arrests and drug arrests. This information represents each probationer's self-report and the numbers were obtained from their answers on the SAQ.

## Missouri SAQ Probationer Demographics

### Population

Population				
Males		Females		Total
N	Percent	N	Percent	N
12,461	81.5	2,827	18.5	15,288

### Age

Age Group						
Age	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
Under 18	544	4.4	83	2.9	627	4.1
18 - 20	2,226	17.9	398	14.1	2,624	17.2
21 - 25	2,315	18.6	549	19.4	2,864	18.8
26 - 30	1,887	15.2	534	18.9	2,421	15.9
31 - 35	1,909	15.3	527	18.7	2,436	16.0
36 - 40	1,705	13.7	396	14.0	2,101	13.8
41 - 45	929	7.5	184	6.5	1,113	7.3
46 - 50	530	4.3	88	3.1	618	4.0
51 - 55	182	1.5	29	1.0	211	1.4
56 - 60	106	0.9	16	0.6	122	0.8
Over 60	108	0.9	19	0.7	127	0.8

Note: There were 24 cases with missing information out of 15,288 cases.

### Race

Race	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
Caucasian	8,307	66.9	1,994	70.7	10,301	67.6
Black	3,748	30.2	770	27.3	4,518	29.7
Asian	48	0.4	9	0.3	57	0.4
Amer. Indian	88	0.7	14	0.5	102	0.7
Hispanic	148	1.2	23	0.8	171	1.1
Other	70	0.6	10	0.4	80	0.5

Note: There were 59 cases with missing information.

### Education

Highest Grade Completed	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
8th Grade or Less	913	7.5	180	6.5	1,093	7.3
Partial HS	4,283	35.2	924	33.2	5,207	34.8
HS Graduate/GED	5,616	46.2	1,287	46.2	6,903	46.2
Partial College	1,061	8.7	318	11.4	1,379	9.2
College Graduate	247	2.0	68	2.4	315	2.1
Prof./Grad School	48	0.4	8	0.3	56	0.4

Note: There were 335 cases with missing information.

## Missouri SAQ Probationer Demographics (continued)

### Marital Status

Status	Marital Status					
	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
Single	7,517	61.1	1,352	48.1	8,869	58.7
Married	2,128	17.3	591	21.0	2,719	18.0
Divorced	1,957	15.9	522	18.6	2,479	16.4
Separated	643	5.2	289	10.3	932	6.2
Widowed	58	0.5	55	2.0	113	0.7

Note: There were 176 cases with missing information.

### Hispanic

Status	Hispanic					
	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
Yes	303	2.5	64	2.3	367	2.5
No	11,841	97.5	2,687	97.7	14,528	97.5

Note: There were 393 cases with missing information.

### Employed

Status	Employed					
	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
Yes	7,109	57.4	1,420	50.4	8,529	56.1
No	5,279	42.6	1,397	49.6	6,676	43.9

Note: There were 83 cases with missing information.

### Alcohol-Related Arrests

Number of Incidents	Number of Alcohol Related Arrests					
	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
0	7,152	60.1	2,182	80.7	9,334	63.9
1	1,674	14.1	253	9.4	1,927	13.2
2	1,026	8.6	131	4.8	1,157	7.9
3	917	7.7	78	2.9	995	6.8
4	488	4.1	32	1.2	520	3.6
5	263	2.2	11	0.4	274	1.9
6 or more	373	3.1	18	0.7	391	2.7

Note: There were 690 cases with missing information.

### Drug-Related Arrests

Number of Incidents	Number of Drug-Related Arrests					
	Males		Females		Total	
	N	Percent	N	Percent	N	Percent
0	7,083	60.1	1,868	69.0	8,951	61.8
1	2,778	23.6	617	22.8	3,395	23.4
2	1,129	9.6	142	5.2	1,271	8.8
3	427	3.6	42	1.6	469	3.2
4	172	1.5	19	0.7	191	1.3
5	66	0.6	8	0.3	74	0.5
6 or more	128	1.1	11	0.4	139	1.0

Note: There were 798 cases with missing information.

## Missouri SAQ Monthly Probationer Count, 1997

Monthly probationer count same as the above table with each row presenting the number of probationers tested at each Test Site District for the annual period 1997.

Test Site District	Jan 1997	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
One	80	62	70	64	63	81	72	57	68	22			639
Two	52	37	51	48	27	20	41	37	25	31	15	18	402
Three	17	18	14	18	26	16	10	22	20	12			173
Four	45	27	16	18	10	18	17	27	18	26			222
Four B	58	35	44	26	67	44	8	22	43	12	1		360
Four C	19	19	12	10		3	23	19	14	14			133
Four R	88	45	52	75	76	79	75	86	78	9			663
Four W	16	16	11	10	33	30	29	12	6				163
Five	14	28	18	23	19	25	17	24	33	20	1		222
Six	65	69	53	60	57	66	44	63	34				511
Seven C	12	63	63	28	109	76	59	47	35	11			503
Seven N	72	85	39	126	77	72	63	67	102				703
Seven S	41	29	37	47	49	34	44	41	41	10			373
Eight C	46	28	38	45	47	45	67	2	45	6			369
Eight N	40	35	70	24	88	76	50	90	58	78	24	1	634
Eight S	18	27	37	27	22	29	29	25	33	23			270
Nine	78	62	51	74	55	69	46	63	18	5			521
Ten	54	59	64	56	94	51	56	66	40				540
Ten R	12	10	12	8	8	12	10	9					81
Eleven	5	13	19	1	7	16	17	16	7	7			108
Twelve	49	27	47	40	38	46	42	85	71	20	26	34	525
Thirteen	30	14	14	22	21	36	15	16	16				184
Fourteen	39	21	39	40	32	43	40	38	33	29	13		367
Fifteen	45	28	43	28	42	53	44	45	39	20			387
Sixteen	43	36	33	44	22	25	25	20	34	21			303
Seventeen	51	77	78	97	69	89	65	95	55	4			680
Eighteen	22	18	14	18	11	17	8	3	4				115
Nineteen	35	23	17	22	21	29	32	16	20	12			227
Twenty	42	35	46	47	45	48	54	30	37	5		1	390
Twenty-one	22	24	31	31	30	43	23	21	14	13			252
Twenty-two	55	42	59	83	54	32	34	49	41	46	3	9	507
Twenty-three	26	26	19	46	9	39	23	39	27	8	6	13	281
Twenty-four	23	30	38	29	22	16	16	15	2		1		192
Twenty-five	20	28	27	22	27	22	20	27	17	35	32	8	285
Twenty-six	20	25	25	21	19	17	17	21	5				170
Twenty-seven	11	8	28	36	6	25	16	47	29	12			218
Twenty-eight	40	42	28	30	31	28	32	19	18				268
Twenty-nine	20	18	3	28	30	16	43	24	13	8			203
BTC	13	31		45	21		23	19	26				178
FCC	22	13	7										42
FTC	147	124	118	251	173	247	153	114	119	148			1,594
MATC	47	21		34									102
<b>Total</b>	<b>1,654</b>	<b>1,478</b>	<b>1,485</b>	<b>1,802</b>	<b>1,657</b>	<b>1,733</b>	<b>1,502</b>	<b>1,538</b>	<b>1,338</b>	<b>667</b>	<b>122</b>	<b>84</b>	<b>15,060</b>

The following presents additional tests for the Test Site Districts listed for which the month tested did not fall between the annual cycle (Jan 1, 1997 through Dec 31, 1997).

Test Site	2	4B	7C	8S	9	12	18	19	20	22	23	24	28	FCC	FTC	Total
Before Jan 97		52	2	2	1	3	1	1	4			1	6	15	1	89
After Dec 97	38					19				1	80					138

Note: Site 8R contained only 1 test and therefore was not included in the above table.

### Missouri SAQ Probationer County of Arrest

County of Arrest	N	Percent	County of Arrest	N	Percent
001 Adair	54	0.4	121 Macon	40	0.3
003 Andrew	30	0.2	123 Madison	41	0.3
005 Atchison	23	0.2	125 Maries	12	0.1
007 Audrain	80	0.5	127 Marion	67	0.4
009 Barry	95	0.6	129 Mercer	18	0.1
011 Barton	17	0.1	131 Miller	103	0.7
013 Bates	55	0.4	133 Mississippi	70	0.5
015 Benton	34	0.2	135 Moniteau	21	0.1
017 Bollinger	23	0.2	137 Monroe	11	0.1
019 Boone	508	3.3	139 Montgomery	8	0.1
021 Buchanan	474	3.1	141 Morgan	60	0.4
023 Butler	141	0.9	143 New Madrid	102	0.7
025 Caldwell	48	0.3	145 Newton	56	0.4
027 Callaway	110	0.7	147 Nodaway	120	0.8
029 Camden	145	0.9	149 Oregon	16	0.1
031 Cape Girardeau	412	2.7	151 Osage	21	0.1
033 Carroll	46	0.3	153 Ozark	13	0.1
035 Carter	16	0.1	155 Pemiscot	168	1.1
037 Cass	176	1.2	157 Perry	139	0.9
039 Cedar	31	0.2	159 Pettis	108	0.7
041 Chariton	39	0.3	161 Phelps	38	0.2
043 Christian	34	0.2	163 Pike	41	0.3
045 Clark	53	0.3	165 Platte	48	0.3
047 Clay	235	1.5	167 Polk	38	0.2
049 Clinton	29	0.2	169 Pulaski	31	0.2
051 Cole	212	1.4	171 Putnam	29	0.2
053 Cooper	51	0.3	173 Ralls	9	0.1
055 Crawford	42	0.3	175 Randolph	86	0.6
057 Dade	12	0.1	177 Ray	40	0.3
059 Dallas	33	0.2	179 Reynolds	25	0.2
061 Davies	30	0.2	181 Ripley	49	0.3
063 DeKalb	26	0.2	183 St. Charles	633	4.1
065 Dent	19	0.1	185 St. Clair	22	0.1
067 Douglas	21	0.1	187 St. Francois	218	1.4
069 Dunklin	257	1.7	189 St. Louis County	1,690	11.1
071 Franklin	281	1.8	193 St. Genevieve	39	0.3
073 Gasconade	27	0.2	195 Saline	76	0.5
075 Gentry	5	0.1	197 Schuyler	5	0.1
077 Greene	397	2.6	199 Scotland	11	0.1
079 Grundy	46	0.3	201 Scott	206	1.3
081 Harrison	33	0.2	203 Shannon	23	0.2
083 Henry	62	0.4	205 Shelby	18	0.1
085 Hickory	23	0.2	207 Stoddard	126	0.8
087 Holt	31	0.2	209 Stone	55	0.4
089 Howard	21	0.1	211 Sullivan	32	0.2
091 Howell	115	0.8	213 Taney	90	0.6
093 Iron	7	0.1	215 Texas	44	0.3
095 Jackson	1,970	12.9	217 Vernon	62	0.4
097 Jasper	319	2.1	219 Warren	67	0.4
099 Jefferson	442	2.9	221 Washington	79	0.5
101 Johnson	97	0.6	223 Wayne	37	0.2
103 Knox	6	0.1	225 Webster	41	0.3
105 Laclede	144	0.9	227 Worth	11	0.1
107 Lafayette	126	0.8	229 Wright	49	0.3
109 Lawrence	82	0.5	510 St. Louis City	1,518	9.9
111 Lewis	27	0.2	997 Non-Resident	103	0.7
113 Lincoln	119	0.8	999 Unknown	223	1.5
115 Linn	71	0.5			
117 Livingston	83	0.5			
119 McDonald	37	0.2	Total	15,288	