



Billings Adult Municipal Drug Treatment Courts



Outcome Findings FY 2008-2009

ABOUT OUR DATA

One of the distinguishing features of drug courts nationally has been an aggressive effort to evaluate the efficacy of each court. The Billings Adult Municipal Drug Treatment Courts have contracted with Carey Heck, PH.D. currently with the University of Wyoming and a member of the National Association of Drug Court Professionals to provide process evaluation. Process evaluation focuses upon the effectiveness of the court in meeting its objectives, the satisfaction of drug court participants with the services they receive and nearly always provides a comparison of these findings to a control group of offenders who have not participated in drug court.

Outcome evaluation answers the question, “How well did the drug court participant do as a result of the treatment and other services provided by the drug court?” The data reported herein as outcome findings has been collected in surveys from which data is then entered into software programs and statistically tested by Harder Associates, a third party research company. The statistical testing of the data includes ANOVA and other tests for differences using repeated measures t-tests and analysis of variance. The repeated measures tests answer the question; how do individuals differ from one time [admission] to three times [six, twelve and eighteen months]. Tests were considered significant at the $p > .05$ level. This is a level that allows for very little chance and permits us to have a high degree of confidence in the data.

Mona L. Sumner, MHA ACATA
Report Compiler

Billings Adult Municipal Drug Treatment Court

Drug Treatment Courts have proven to be one of the most effective diversion programs over a span of nearly 20 years. Montana has been slow to adopt diversion programs and drug courts in our state are very new. There are too few criminal drug courts in spite of the fact that these courts afford significant savings and relief to crowded court calendars, overcrowded jails and prisons.

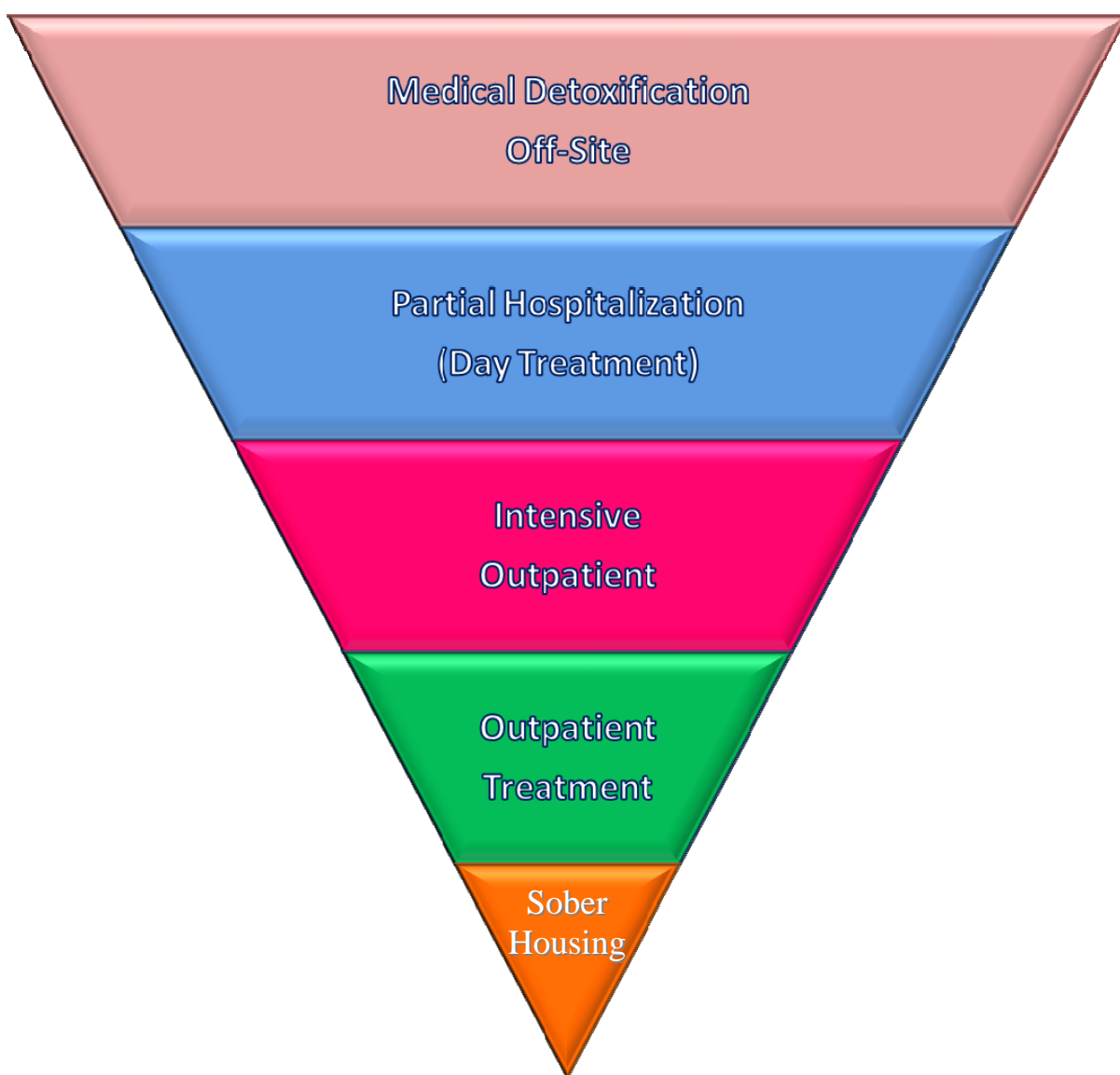


The Billings Adult Municipal Drug Treatment Court began operating in February of 2005 and served 163 offenders in its first two years. In January, 2009, the drug court expanded and added a DUI court track for multiple DUI offenders and in March, 2009, a mental health treatment court was added. The Mental Health treatment court serves individuals with severe mental illness and often co-occurring addiction who tend to cycle in and out of the criminal justice system due to their disabilities. The over-riding purpose of these drug treatment courts is to reduce recidivism and days of incarceration through aggressive treatment of the offender's addiction and co-occurring disorders, intensive community probation supervision and judicial oversight. As of January, 2010, these drug courts, all under the leadership of Judge Mary Jane Knisely, are managing a caseload of 101 offenders from Billings and the surrounding area. Each week, the treatment team meet with Judge Knisely to staff each case and develop plans for each participant that assures their continued progress in the drug court. This dedicated team of professionals consist of the following:

Judge Mary Jane Knisely, Presiding
Linda Miller, BAMDC Coordinator
Rosalie Rupp, DUI Coordinator
Laura Hopkins , Mental Health Court Coordinator
Adam Flores, Probation Community Solutions Inc.
Melanie Pfiefer, Prosecutor
Curtis Bevolden, Prosecutor
Katie Barber, Defense Attorney
Roberta Drew, Defense Attorney
Capt. TJ Vladic, Billings Police Dept
Lt. Mark Cady, Billings Police Dept.
Mona L. Sumner & Erin Unruh
Rimrock Foundation Treatment Providers
Vaughn Rohrdanz, Volunteer Coordinator

Essential to the success of any drug court is quality, state-of-the-art treatment. To provide this, Rimrock Foundation operates it's Silver Leaf Center, an outpatient clinic that contains all of the drug court treatment programs. Over 100 drug court clients receive treatment services at this site weekly. The treatment continuum consists of the following levels of care through which drug court participants progress until they complete their treatment plans. For most, this takes an average of 15 months

Adult Treatment Service Levels



Demographic Profile

Gender:

	Admission	6 Months	12 Months	18 Months
Male	68.9%	76.3%	69.6%	65.1%
Female	31.1%	23.7%	30.4%	34.9%

Race:

	%
Caucasian	82.6%
Native American	11.6%
Hispanic	4.7%
African American	1.2%

Average Age at Survey Intervals:

Admission	6 Months	12 Months	18 Months
28.4	29.1	28.4	25.6

% of Patients at Survey Intervals:

6 Months	12 Months	18 Months
56.5%	37.1%	7.4%

Marital Status:

Married	11.8%
Divorced	12.5%
Widowed	1.6%
Separated	5.5%
Never Been Married	54.3%

of Children

Minimum	Maximum	Mean
-0-	6	1.69

Employment Status at Intake:

Employed	60.5%
Unemployed	39.5%

Average Monthly Income of those Employed:

Minimum	Maximum	Mean
\$175	\$4,166	\$1,050

Living Arrangements at Admission:

	<u>%</u>
Renting	29.1%
With Friends	12.3%
With Relatives	33.7%
Spouse	7.0%
Other	17.5%

➤ 53.1% of offenders admitted are considered homeless.

Tobacco Use at Admission:

Cigarettes	68.5%
Smokeless	13.1%
Other	2.3%

“Drug Court has done a lot for me and I am a huge advocate for the program.”

% of Clients Treated for Co-Occurring Disorders:

2005	55.9%
2006	65.5%
2007	69.4%
2008	57.5%
2009	79.1%

IV Drug Use in Drug Court Clients:

2005	37.9%
2006	34.5%
2007	38.8%
2008	10.0%
2009	19.2%

Childhood Abuse

Childhood Physical Abuse	12.6%
Emotional Abuse in Childhood	18.5%
Childhood Sexual Abuse	8.9%
Incest	2.2%
Child Neglect	7.0%

- **11% of offenders were victims of partner/family assault at time of admission.**

Academic Status at Intake:

High School Diploma	11.9%
GED	31.9%

Last Year of School Completed:

8th Grade	3.8%
9th Grade	6.3%
10th Grade	12.5%
11th Grade	21.3%
12th Grade	31.3%

Years of Post-High School Education: (N = 21)

Minimum	Maximum	Mean
-0-	6	2.19

Age Range of First Criminal Offense:

Minimum	Maximum	Mean
11	58	20.5

Offenses Committed Prior to Admission (2 years):

	% Committing Offense	Minimum	Maximum	Mean
DUI	50%	1	3	1.40
Other Driving Violation	29%	1	45	4.08
Reckless Driving	2.3%	1	3	2.00
Drug Possession or Paraphernalia	31.3%	1	5	1.85
Obstructing an Officer	6.9%	1	2	1.33
Assault—Partner or Family	5.8%	1	2	1.40
Assault—Other	6.9%	1	2	1.67
Criminal Mischief	3.4%	1	1	1.00
Resisting Arrest	2.3%	1	2	1.50
Concealed Weapon	1%	1	1	1.00
Theft	11.6%	1	6	1.80
Disorderly Conduct	1%	2.00	2.00	2.0000
Child Endangerment	3.4%	1	1	1.00
Falsification	2.3%	1	1	1.00
Parole Violation	11.6%	1	3	1.50
Minor in Possession	14%	1	3	1.92

“I am grateful to be sober and thankful for the treatment.”

Mean Days of Incarceration:

	<u>Minimum</u>	<u>Maximum</u>	<u>Mean</u>
For Current Offense	-0-	190	18.5
# Days Incarcerated Past 2 Years	-0-	420	35.03
Electronic Surveillance	-0-	120	32.10

- **The average number of offenses per drug court participant was 5.94!**

Number Months of Current Court Jurisdiction:

Minimum	Maximum	Mean
-0-	72	16.2

- **75% of offenders were on probation at the time they were inducted into Drug court.**
- **BAMDC offenders have been on probation an average of 13 months.**

**“I am happy where I am at.
Everything seems to be falling into place.”**

POST-DISCHARGE OUTCOME FINDINGS

Employment Status:

	<u>Intake</u>	<u>6 Months</u>	<u>12 Months</u>
Employed	67.2%	100%	95.2%
Unemployed	33.6%	-0-	4.8%

- **37% more BAMDC clients were employed post-discharge.**

% Clients Completing Education or Technical Training Post-Discharge:

6 Months	12 Months	18 Months
17.5%	27.0%	20.0%

Average Length of Stay in Intensive Outpatient Level of Care:

2007	15.1 Weeks	3.7 Months
2008	16.7 Weeks	4.1 Months
2009	16.2 Weeks	4.0 Months

Mean Days of Poor Health:

	<u>Minimum</u>	<u>Maximum</u>	<u>Mean</u>
Admission	0	30	4.70
6 Months	0	30	3.36
12 Months	0	30	2.84
18 Months	0	7	.90

- **Health status improves significantly post-discharge.**
- **Patients report significantly better health at 6 and 18 months post-treatment than at admission.**

Mean Days of Inpatient Psychiatric Treatment:

	<u>Minimum</u>	<u>Maximum</u>	<u>Mean</u>
Admission	21	365	143
6 Months	3	3	3
12 Months	0	0	0

➤ **Hospital admissions are sharply reduced post-discharge!**

% Offenders in Jail Past 3 Months:

Admission	6 Months	12 Months	18 Months
89.9%	13.0%	6.7%	1.5%

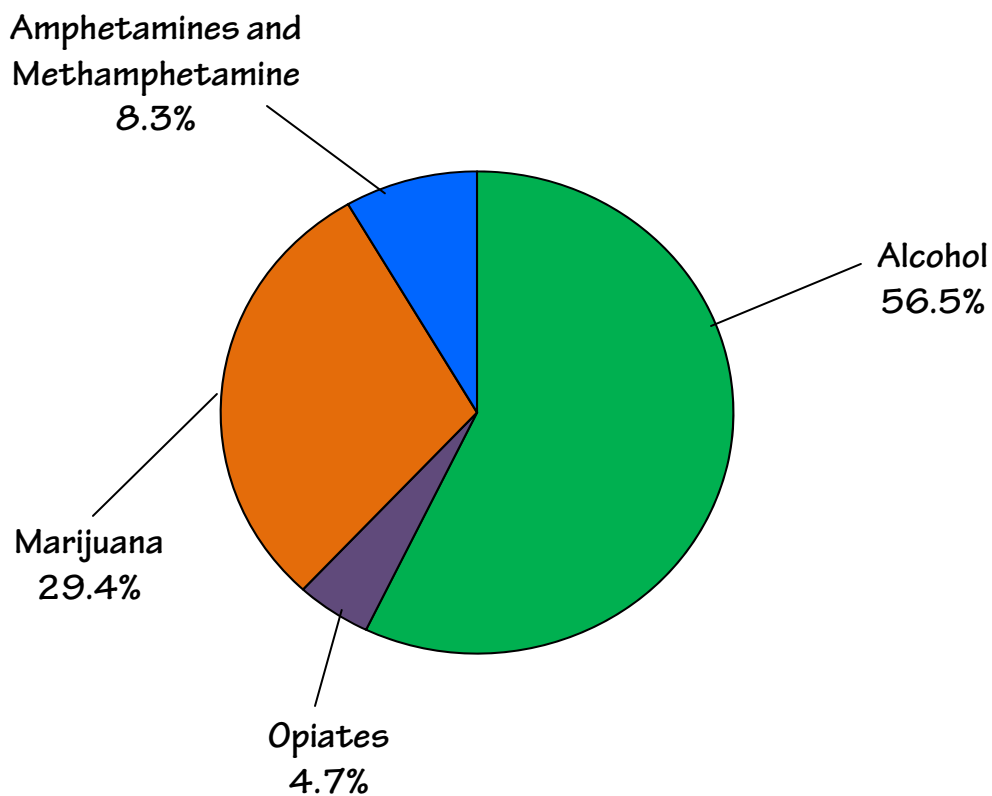
Mean Days in Jail:

	Minimum	Maximum	Mean
Admission	1	420	32.7
Post-Discharge	2	37	6.7

➤ **Drug Court dramatically reduces incarceration levels.**

“The team working with me really cares and have been great support in my recovery.”

Primary Drugs of Choice



Mean Age at Time of First Drug Use:

Minimum	Maximum	Mean
5	23	12.8

“Thanks for all the encouragement and hope.”

Mean Days of Alcohol Use in Past 90 Days:

	Minimum	Maximum	Mean
Admission	-0-	87	13
6 Months	-0-	48	.81
12 Months	-0-	2	.05
18 Months	-0-	10	1.4

Mean Days in Past 90 Days Used Alcohol to Intoxication:

	Minimum	Maximum	Mean
Admission	-0-	80	8
6 Months	-0-	4	.09
12 Months	-0-	2	.05
18 Months	-0-	-0-	-0-

Mean Days of Other Drugs Used in Past 3 Months:

	Minimum	Maximum	Mean
Admission	-0-	90	19.87
6 Months	-0-	90	1.35
12 Months	-0-	2	2.48
18 Months	-0-	-0-	-0-

➤ **Substance use drops dramatically after Drug Court participation.**

Average Amount of Money Spent on Substances in Past 3 Months:

<u>Alcohol</u>	Minimum	Maximum	Mean
Admission	-0-	\$1,500	\$107.18
6 Months	-0-	\$50	\$2.06
12 Months	-0-	\$12	\$.34
<u>Other Drugs</u>	Minimum	Maximum	Mean
Admission	-0-	\$2,000	\$131.64
6 Months	-0-	-0-	-0-
12 Months	-0-	\$60	\$1.71

% Patients Re-Admitted for Treatment Post-Discharge:

Admission	12 Months	18 Months
47.3%	6.7%	7.4%

- Re-admission rates are significantly reduced post Drug Court Treatment.

“I am thankful for all the help I received.”

RELAPSE

% Experiencing Relapse:

	6 Months	12 Months	18 Months
Yes	14.5%	10.5%	2.2%
No	85.5%	89.5%	97.8%

Mean Days of Relapse:

	Minimum	Maximum	Mean
6 Months	1	2	1.17
12 Months	1	60	22.3
18 Months	4	120	44.6

Are Your Periods Between Relapse Episodes Becoming:

	6 Months	12 & 18 Months
Longer	57.1%	66.7%
Shorter	14.3%	33.3%
About the Same	28.6%	-0-

- 90.9% of relapsers report they will likely seek help.

“You saved my life, my soul, and all my relationships.”

Arrests and Charges in Past 3 Months:

<u>Criminal Offenses</u>	Admission	6 Months	12 Months	18 Months
Shoplifting or Vandalism	10.4%	-0-	-0-	-0-
Drug Charges	32.0%	-0-	-0-	-0-
Parole/Probation Violations	46.4%	8.1%	1.5%	-0-
Forgery	3.2%	-0-	.7%	-0-
Burglary	1.6%	-0-	.7%	-0-
Assault	12%	-0-	2.2%	-0-
Contempt of Court	9.6%	.7%	.7%	-0-
Disorderly Conduct	4.8%	-0-	-0-	-0-
<u>Driving Offenses</u>	Admission	6 Months	12 Months	18 Months
DUI	41.6%	-0-	-0-	-0-
Reckless Driving	4.1%	-0-	-0-	-0-
Other Driving Violations	28.9%	.7%	.7%	-0-

“I am really grateful for being in this Drug Court Program to get help with my addiction and it also helped me to be a better parent to my children.”

RELATIONSHIPS

Serious Interpersonal Conflicts and Problems Past 90 Days:

	Admission	6 Months	12 Months	18 Months
With Mother	32.8%	7.7%	2.9%	-0-
With Father	24.4%	12.3%	2.8%	-0-
With Spouse/Significant Other	23.4%	6.7%	1.5%	-0-
With Children	13.3%	3.1%	2.9%	-0-
With Siblings	29.9%	3.7%	3.0%	-0-
With Close Friends	30.7%	3.0%	2.2%	.7%
With Co-Workers	14.3%	9.6%	1.5%	-0-
With Neighbors	13.5%	2.9%	-0-	-0-

➤ Relationships improve significantly post-discharge!

Mean Days of Conflicts with Families Past 3 Months:

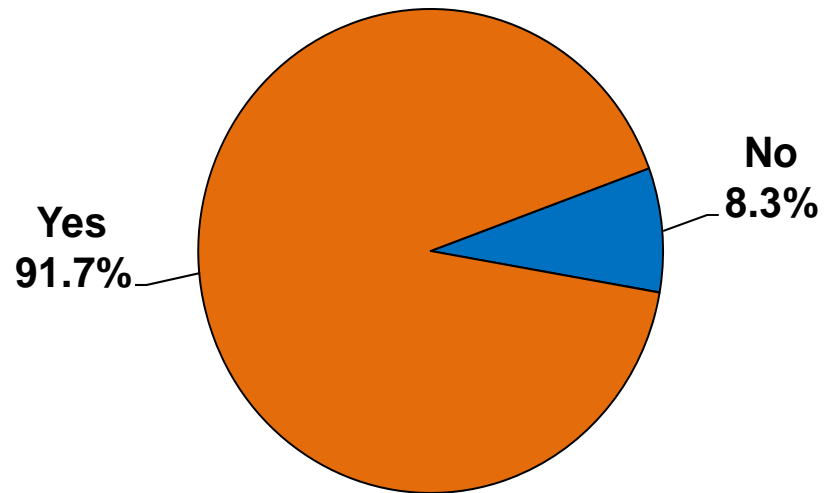
	Maximum	Mean
Admission	90	8.45
6 Months	4	.53
12 Months	4	2.88
18 Months	1	.13

➤ Relationships improve significantly in Drug Court participants.

% of Clients Significantly Bothered by Family Problems in Past 3 Months:

Admission	6 Months	12 Months	18 Months
49.0%	11.1%	2.9%	

% Participating in a Twelve Step Program at Followup:



- 73.9% of BAMDC participants report attending a 12-Step program three or more times each month.

SATISFACTION

Patient Satisfaction with Work or Job:

	Admission	6 Months	12 Months
Not at all	15.5%	3.0%	2.8%
Slightly	6.2%	6.1%	2.8%

- Job satisfaction improves significantly.

Satisfaction with Rimrock Foundation Treatment Services:

	6 Months	12 Months
Slightly	4.9%	2.8%
Extremely	91.8%	94.5%

Would you recommend Rimrock Foundation if a member of your family or close friend Needed Help for Addiction?

	6 Months	12 Months
Yes	90.3%	97.3%

**“I am very grateful for such a program.
I got my life back together.”**

Drug Court Services

Weeks to Complete Drug Court Phases:

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>
Median #	20.0	19.1	15.0
Range in Weeks	1-71	4-47	2-26

Median # Weeks in Treatment by Modality:

	<u>Completers</u>	<u>Non-Completers</u>
Inpatient	5.9	—
Intensive Outpatient	19.1	11.1
Aftercare	21.1	6.1
Relapse Prevention	33.4	10.0
MET*	1.4	1

*Motivational Enhancement Therapy

- 97.2% of random drug screens on BAMDC clients were negative!

**The Use of Contingency Management (Rewards)
is Highly Successful in Drug Courts.**

of Rewards vs. Sanctions:

	<u>Average</u>
Rewards	731
Sanctions	360

- Participants received 50% more rewards than sanctions.

Type and Frequency of Rewards:

Reward	N	%
Applause	9	1.2
Court Appearances Decreased	30	4.1
Basket	421	57.5
Graduate Early	1	.1
Individualized Rewards	103	14
Judicial Praise/Accolades	46	6.2
Other	73	9.9
Permission to Travel	2	.27
Phase Advancement	44	6
Probation Reporting Ended	2	.27
Total Incentives	731	

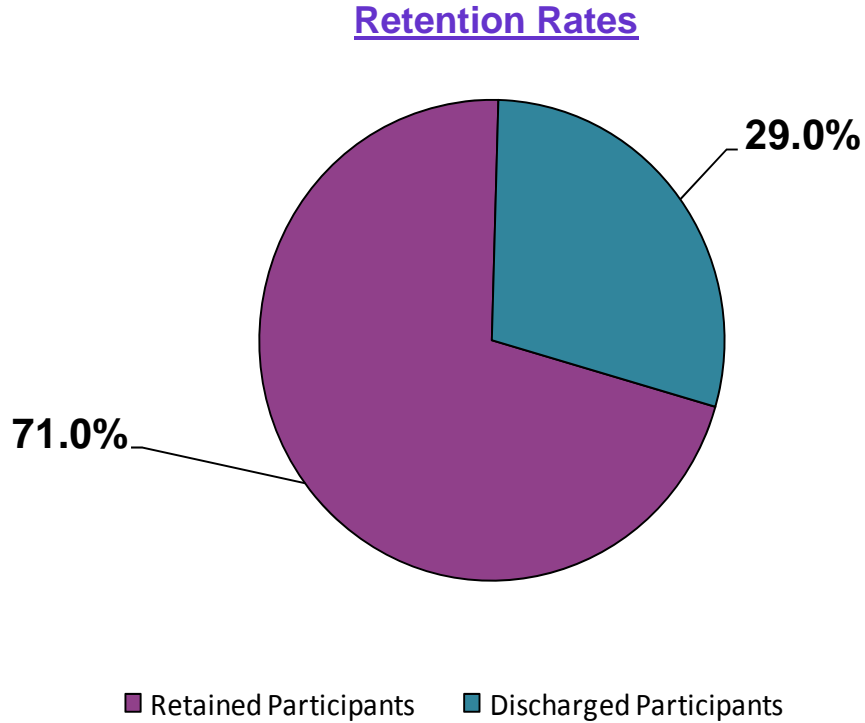
Type and Frequency of Sanctions:

Sanction	N	%
Writing Assignment/Essay	20	5.5
Community Service	93	25.8
Court Appearances Increased	6	1.6
Curfew Imposed	1	.2
Drug Testing Increased	3	.83
Jail	32	8.8
Job Club Until Employed	1	.2
Letter of Apology	11	3
Other	135	34.6
Phase Demotion	5	1.38
Phase Time Extended	3	.83
Probation Reporting Increased	5	1.3
Residential Facility	1	.2
Self-Help Sessions Increased	5	1.38
Electronic Monitoring	12	3.3
Verbal Warning	25	6.9
Work Program	2	.5
Total Sanctions	360	

- Drug Court participants had a 96.5% rate of treatment attendance during their stay.

OTHER FINDINGS

The following chart indicates a high percentage of offenders completing all phases of Drug Court.



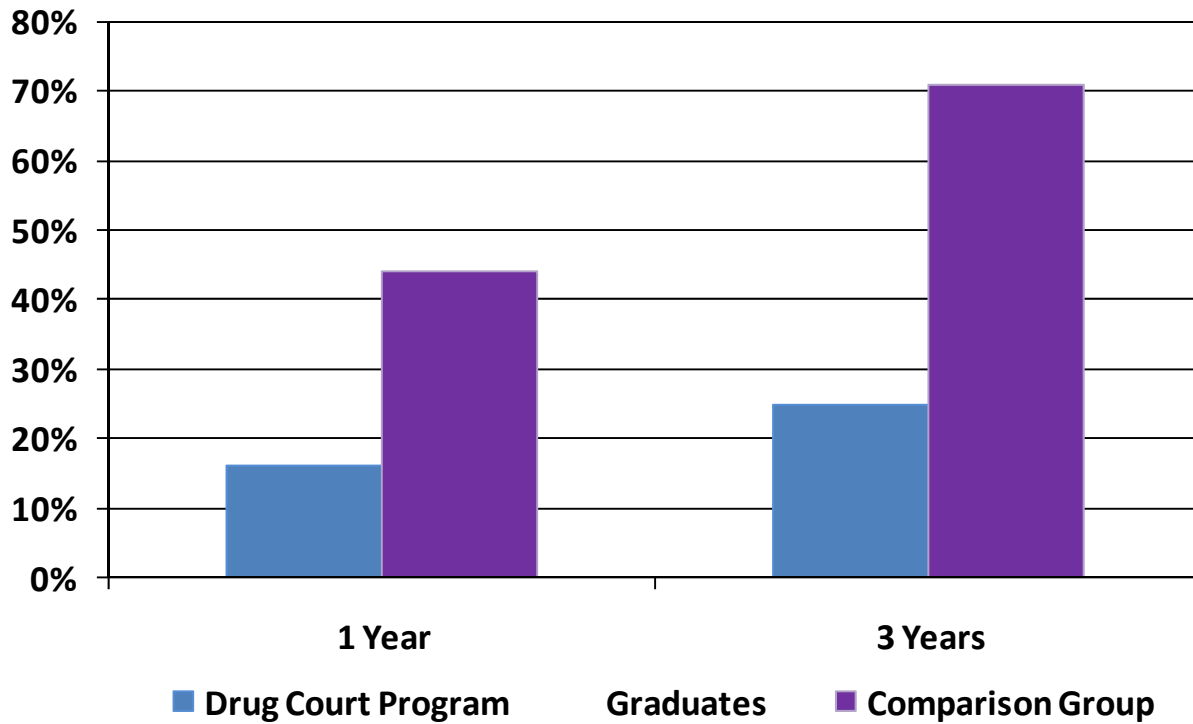
Incarceration

Comparisons of Percent Incarcerated:

	<u>Pre-Drug Court</u>	<u>During Drug Court</u>	<u>After Drug Court</u>
BAMDC Court Clients	74.9%	8.5%	0%

- % of Control Group incarcerated. **77.9%**
- % incarcerated of those expelled from Drug Court or opting out **78.1%**

Arrest Rates Post-Discharge



Comparison Numbers

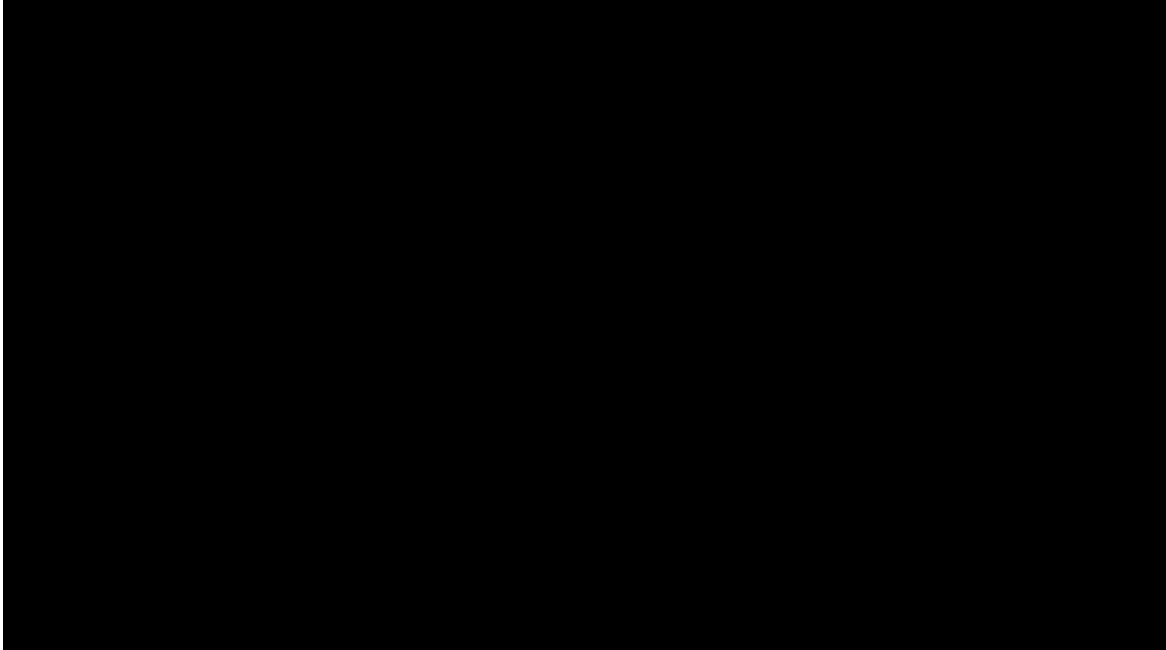
	<u>Total</u>	<u>Arrested 1 Year Out</u>	<u>Arrested 3 Years Out</u>
Drug court Graduates	54	10	17
Comparison Group	49	22	35

- Drug Court graduates perform much better than the “business as usual” control group.

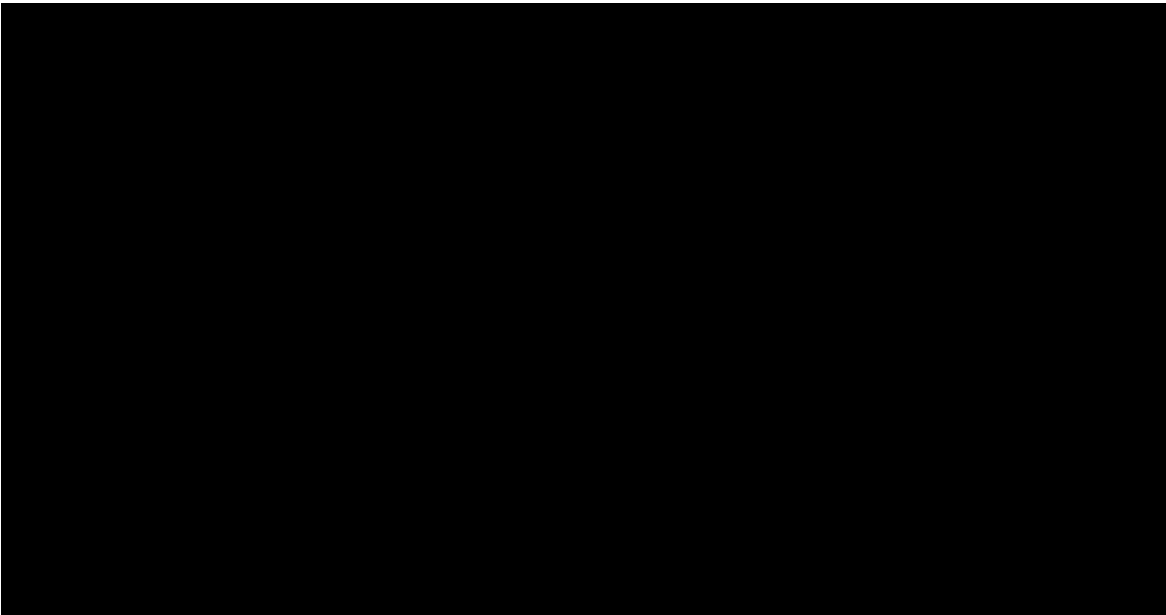
2009 BASIS 32 FINDINGS

This widely used outcome instrument measures the degree of psychiatric instability on a number of variables using a scale of 0-4, with 4 representing severe impairment. Thus, the lower numbers indicate better outcomes. Clearly, functioning improves with treatment and Drug Court participation.

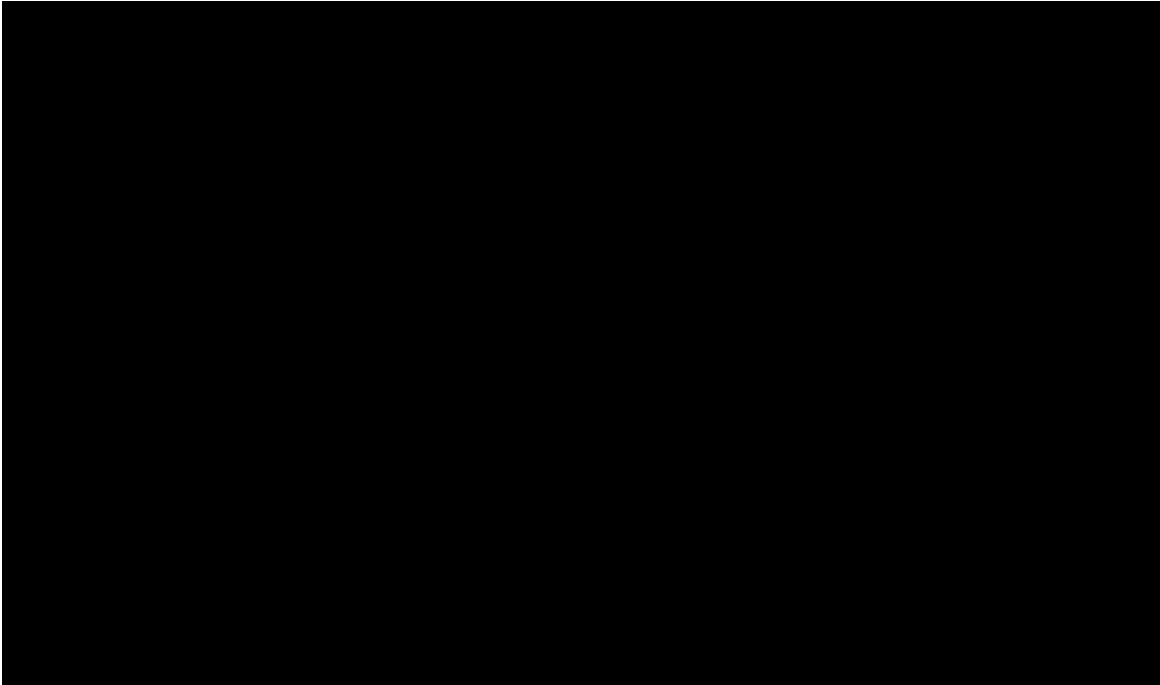
PSYCHOSIS



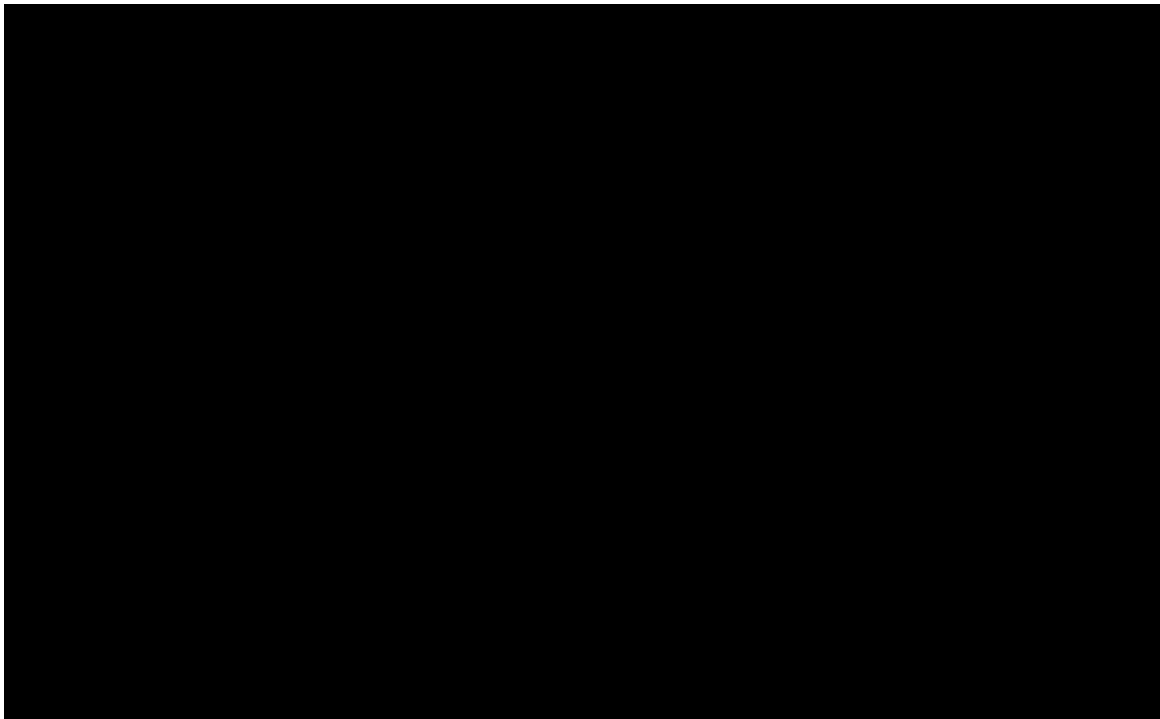
RELATION TO ONESELF AND OTHERS



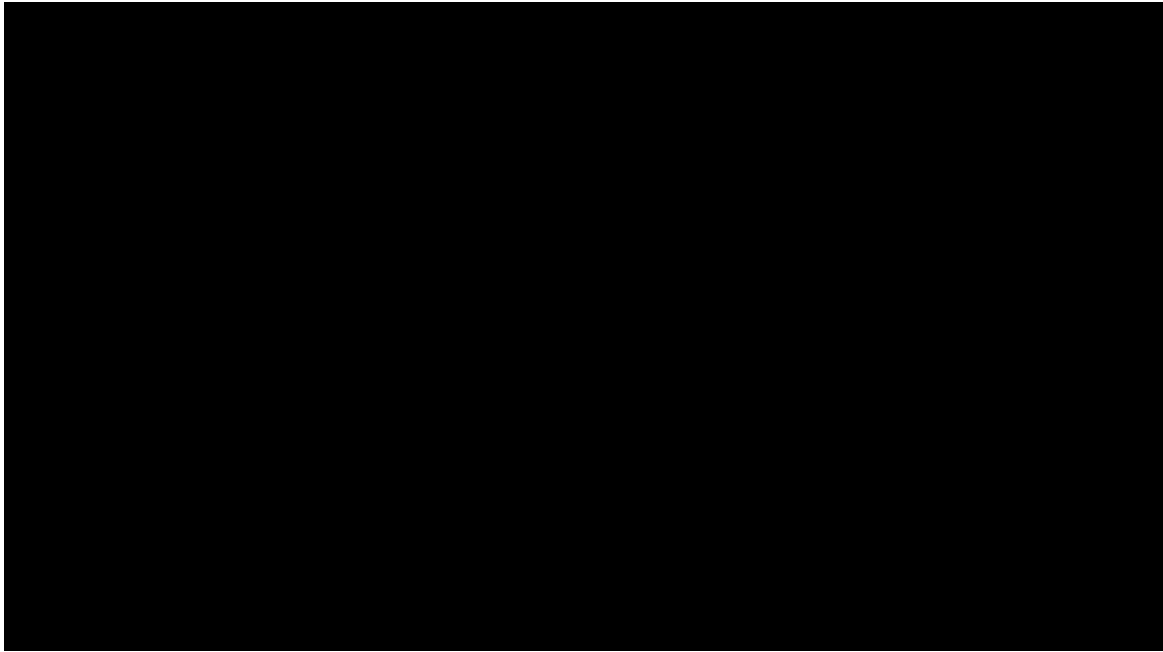
DEPRESSION AND ANXIETY



IMPULSIVE ADDICTIVE BEHAVIOR



DIFFICULTY IN DAILY LIVING/ROLE



SUMMARY OF OVERALL BASIS 32 SCORES

