

# **Third Annual Tribal Healing to Wellness Court Enhancement Training**

**September 8-10, 2012  
Albuquerque, NM**

**BJA Drug Court Technical Assistance Project**  
Justice Programs Office, School of Public Affairs  
American University



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# The Importance of Data Collection in Treatment Courts

Tuesday, September 9, 2014

Presenter:

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# What is Data Collection?

- **Data collection** is the process of gathering and measuring information on variables of interest, in an established systematic fashion that enables one to answer stated research questions, test hypotheses, and evaluate outcomes.



# Is Data Collection Part of a Good Drug Court Practice?

## Typical Drug Court Team Members

- Judge
- Defense Attorney
- Prosecutor
- Treatment Provider(s)
- Probation Officer
- Coordinator
- Evaluator and/or MIS Person



# Humans are not Numbers



But we need numbers  
To help humans



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# What is the Purpose of Data Collection in Drug Courts

- To identify the needs of the participants
  - Type of treatment needed
  - Type of problems identified by the defendants

“By understanding the needs of the participants we can help to establish new programs on the community”

My Doctor said "Only 1 glass of alcohol a day". I can live with that.



# To Identify the Strengths and Weakness of the Program

What is working and what is not

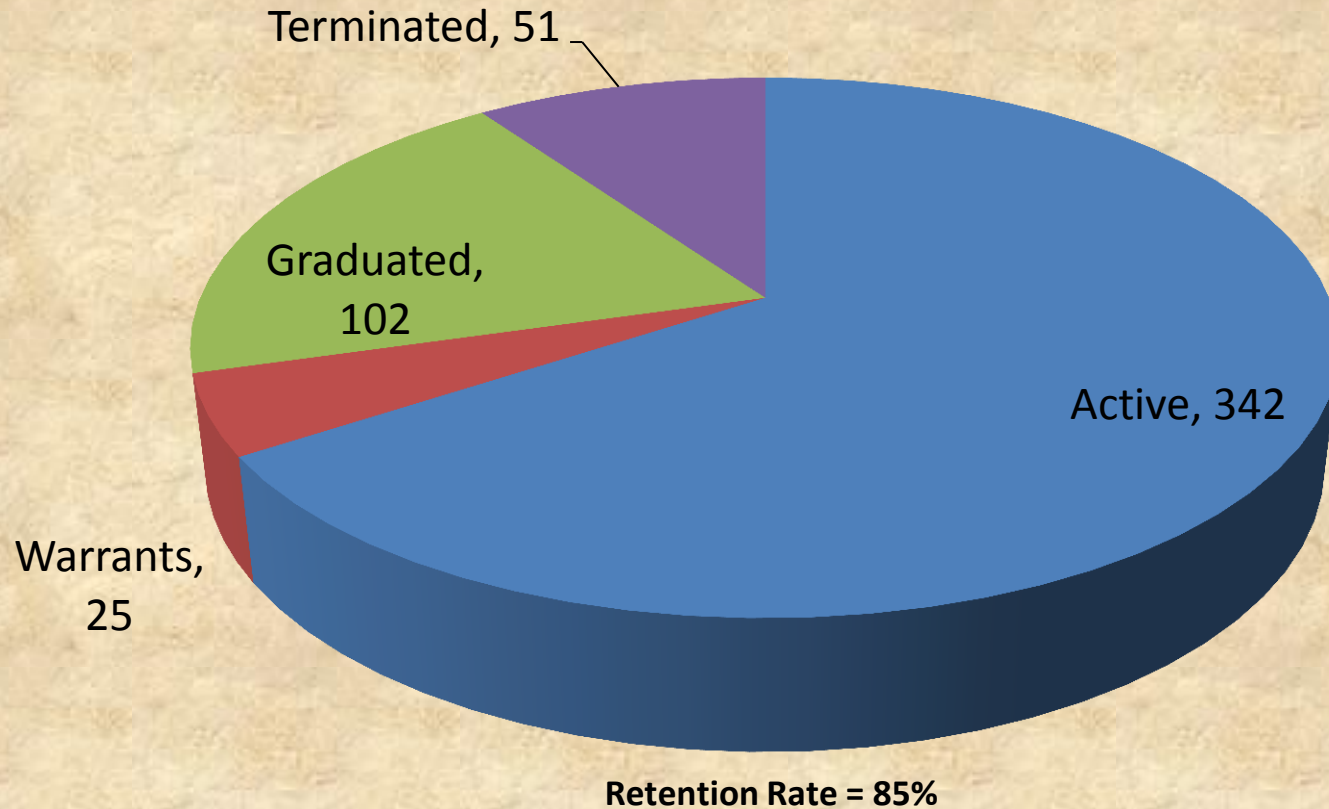


*“A Chain is only as strong as its weakest link”*



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# To Evaluate the Outcome of the Program





# To Gather Data Needed to Obtain Financial Assistance and Provide Data for Grants

A. Enter the **ethnicity and gender of newly admitted** participants in the drug court program.

<b>Ethnicity and Gender</b>		
<b>Measures</b>	<b>Males</b>	<b>Females</b>
Hispanic or Latino/a	2	1
Non-Hispanic or Latino/a	8	6
Unknown		

B. Please enter the **race and gender of newly admitted** participants in the drug court program.



<b>Race and Gender</b>		
<b>Measures</b>	<b>Males</b>	<b>Females</b>
White	4	3
Black/African American	4	3
Asian	0	0
American Indian/Alaska Native	0	0
Pacific Islander/Native Hawaiian	0	0
Multiracial	0	0
Unknown	0	0
Other	2	1



# To Compare Pre. vs Post Data

<b><u>Pre Drug Court and Post Drug Court Comparison Report</u></b>					
<b>Total Records: 5</b>		<b>Data Source</b>			
<b>Pre Drug Court</b>		<b>Post Drug Court</b>			
Total clients with HS or GED	0	0%	Total clients with HS or GED	1	20%
Total clients with more than HS or GED	0	0%	Total clients with more than HS or GED	0	0%
<b>Total # of clients that have increase their education level</b>			1	20%	
Total clients employed	2	40%	Total Clients Employed	5	100%
Total clients with a Full Time Job	0	0%	Total clients with a Full Time Job	4	80%
<b>Total # of clients that have improved their Employment Status</b>			5	20%	
Homeless before Drug Court	1	20%	Homeless After Drug Court	0	0%
<b>Total # of homeless clients that have obtained a residential place while in Drug Court</b>			1	100%	
Drive License Pre Drug Court	0	0%	Drive License Post Drug Court	1	20%
State ID Pre Drug Court	0	0%	State ID Post Drug Court	1	20%
Total Facing Days Before Drug Court	1,000		Total Served Days	60	
<b>Total Days in Jail Avoided due to Drug Court</b>		940			
<b>Average Dollars Saved at a Rate of \$129 per night per inmate</b>		\$121,260.00			
<b>Total Number of Drug Free Babies while in Drug Court 3</b>					



# What Data Should I Collect?

- Demographic characteristics (gender, race/ethnicity, marital status, etc.)
- Criminal history (prior charges, pending charges, current charge)
- Employment status/ educational level
- Substance abuse history (time, frequency, amounts, Tx history, family history)
- Medical history (Medical Problems, Medications)
- Mental health information
- Treatment provider information
- General notes



# Interpreting the Data

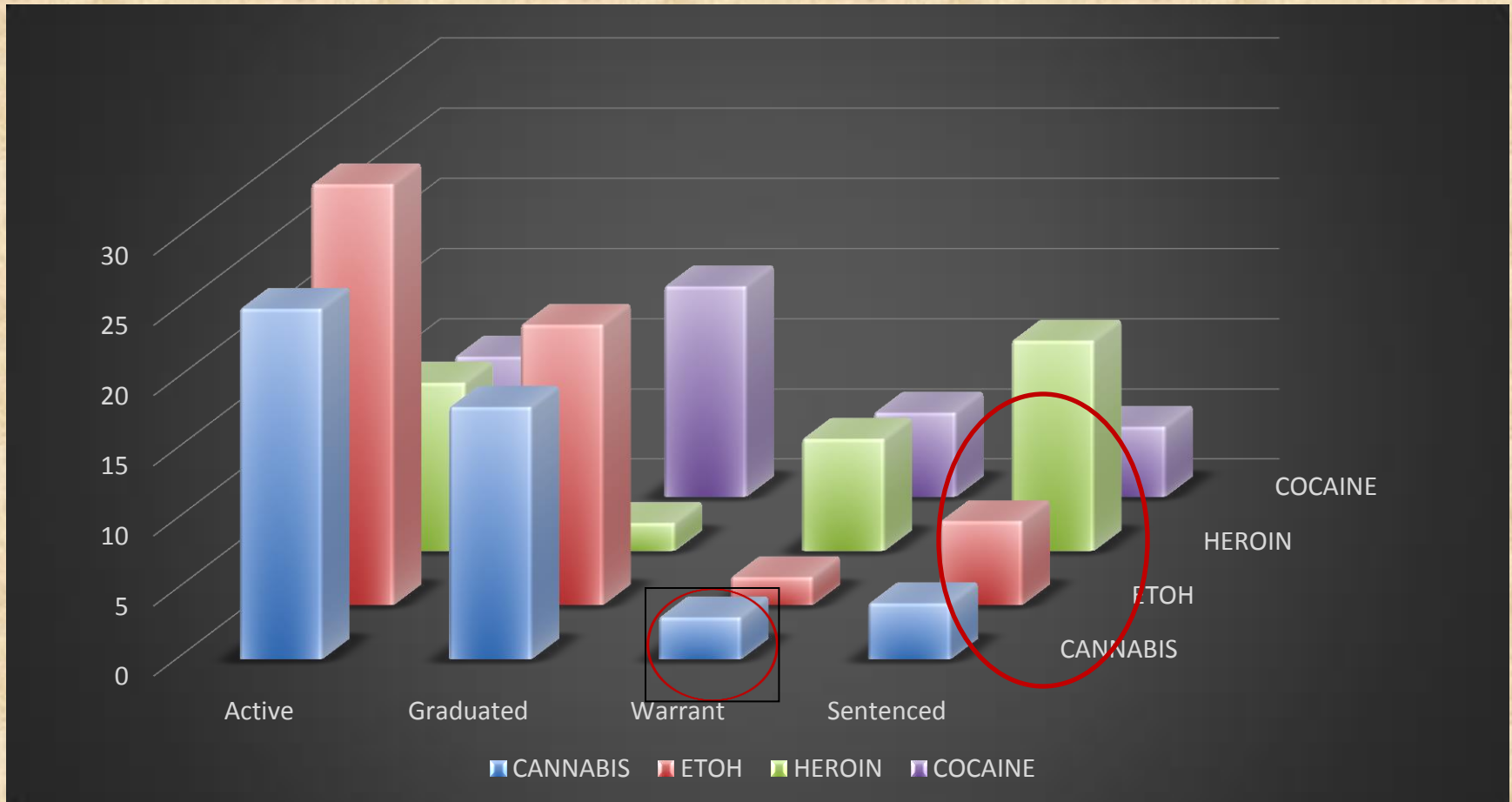


# Arrest Data for Youth Offenders

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
14202	5	4	8	8	10	7	18	20	6	6	4	3
14204	4	2	7	8	11	9	17	20	5	4	5	2
14207	6	4	5	4	9	8	20	21	4	6	4	2
14212	7	5	6	7	8	8	22	23	5	5	7	3
14214	7	6	6	7	8	10	25	27	7	6	5	3
14215	8	7	9	11	14	13	31	32	8	9	8	6
14216	3	1	4	5	6	4	9	10	2	3	2	1
14220	6	4	6	7	8	6	18	19	6	5	3	2



# Status and Primary Drug of Choice



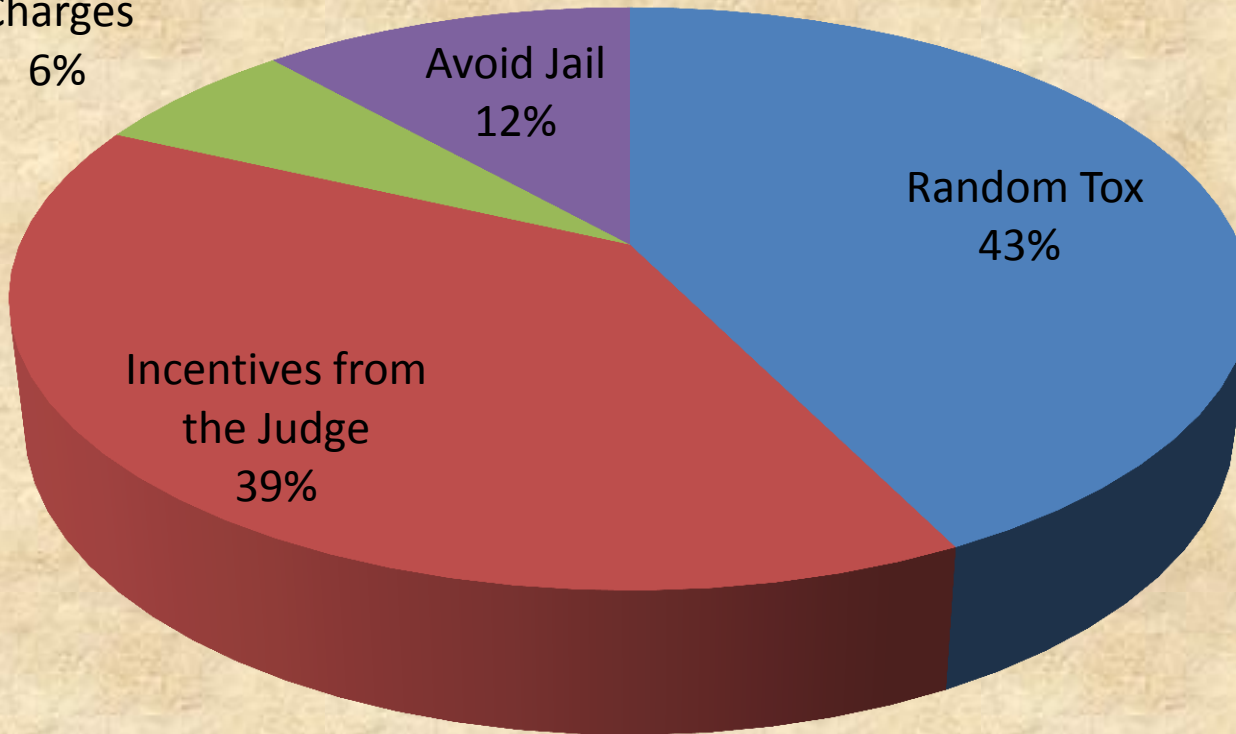
# Motivations to Graduate

Reduction of  
Charges  
6%

Avoid Jail  
12%

Random Tox  
43%

Incentives from  
the Judge  
39%



# How Can I Collect Data?

- Self Report from Defendant / Interview



- Archival Data



- Previous Agencies (Probation, Treatment Provider)

- Significant Other / Family Members

- Surveys





# Benefits of a MIS

(Management Information System)



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# Allow for Quick Data Collection / Data Retrieval

menu frm\_Rolodex

Last Name **DOE** First Name **JOHN** M.I. **F**  Follow UP **Exit**

**Personal** Cases Educational Employment Legal Medical Mental Health AOD Pre-Link Provider Notes Other Pre-Post

A.K.A. **JUAN DEL PUEBLO** **Modify Name** **Add New**

Address **123 ANY STREET**

City **Naytahwaush** State **MN** Zip Code **14222-** County **Chippewa County**

Phone **(716) 553-5555** Alternative Phone **716 851-2358 x 4576** Contact Person **Francis Doe (Wife)**

Are you currently homeless  Yes  No When was the last Year you were homeless **2009**

Have you ever been homeless  Yes  No Aproximate number of days homeless lifetime **30**

Do you have Drive License  Yes  No Do you have a State ID  Yes  No

S.S.# **123-45-6789** D.O.B. **7/7/1977** Age **35** Age Classification **31-40** Current Age **37**

Ethnicity **Hispanic** Are you Pregnant **N/A** Who has the Custody of the Dependents **Both**

Race **Caucasian** Number of Children **2** Have you lost the custody due to a legal Problem **N/A**

Gender **Male** Number of Dependent **1** Is Gaining your child(ren) part of your treatment goals **N/A**

Marital Status **Married** Household Size **4**

Primary Language **English** Secondary Language **Spanish**

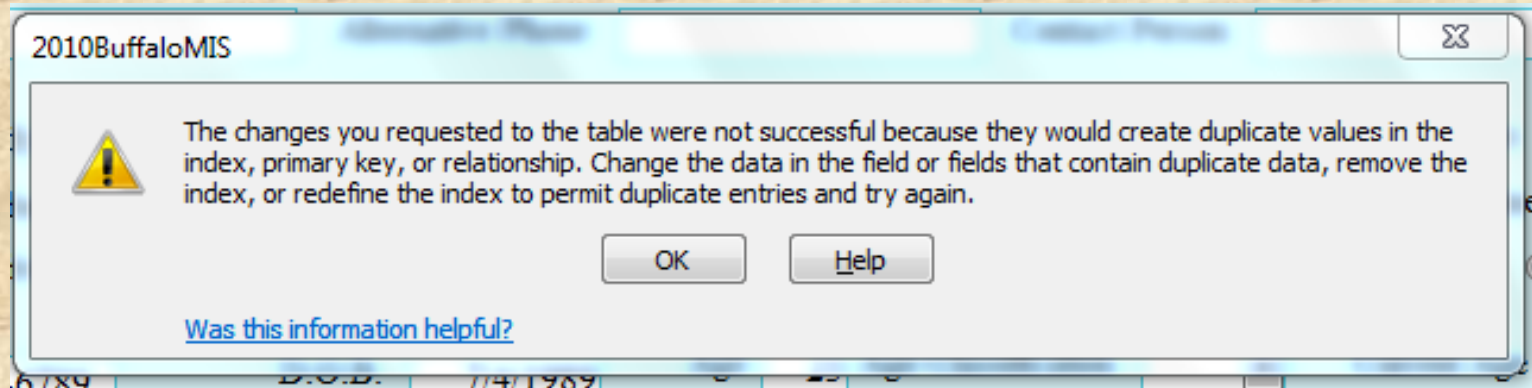
# Reduce Duplication of Entries

There is no need to re-type information already collected for new forms



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# Help to Prevent Duplication of Records



# Reinforce the Entry of Necessary Data

The screenshot shows a web application interface for 'frm\_Rolodex'. The form contains the following fields:

- Last Name: **DOE**
- First Name: **JOHN**
- M.I.: **F**
- Personal | Cases | Educational | Employment | Legal | Medical | Mental Health | AOD | Pre-
- Judge: Robert T. Russell
- Screened Date: 2/13/2014
- Docket: (highlighted with a blue circle)
- RCD: 6/17/2013 PM
- Source: Drug Court
- Disposition: (dropdown)
- Status: Terminated
- Referral Reason: AOD

An error message dialog box titled '2010BuffaloMIS' is displayed over the 'Docket' field. The message reads: 'You must enter a value in the 'tbl\_Judges.Docket' field.' The dialog box includes 'OK' and 'Help' buttons and a link that says 'Was this information helpful?'.



# Limit the Number of Variables

Cannabis  
Grass  
THC  
Weed  
Reefer  
Dope  
Pot  
Hash

Drug Name	Primary Alcohol
Amount	Alcohol
Route	Amphetamine
Frequency	Benzoids
Age when began using	Cannabis
Date of last use	Cocaine
How Much did you use the last time	Crack
Clean Days	Heroin
	Methadone
	Methamphetamine
	Opioids
Clean Date from all drugs	



# Allow for Easy Searching of Records

## Rolodex Menu

Open Rolodex with all Clients

Type a Lastname, S.S. #, Return Court Date  
and click the appropriate to open the Rolodex  
by the selected criteria.

Open Rolodex by Last Name

Open Rolodex by DOB

Open Rolodex by S.S.#

Open Rolodex by R.C.D.

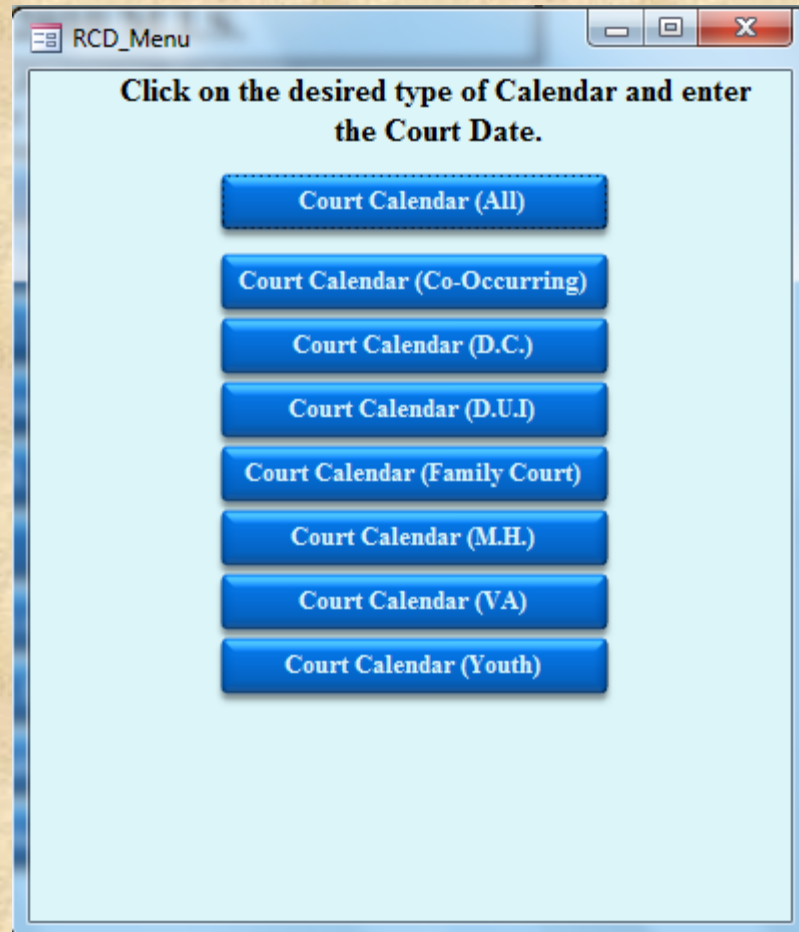
Open Rolodex by Docket

Open Rolodex in Spanish

The screenshot shows a software window titled "frm\_Rolodex" with a menu bar. The main area displays a record for "DOE" with "JOHN" as the first name and "F" as the middle initial. A "Find and Replace" dialog box is open over the record, with the "Find" tab selected. The dialog includes a "Find What:" field, a "Look In:" dropdown set to "Current field", a "Match:" dropdown set to "Whole Field", and a "Search:" dropdown set to "All". There are also checkboxes for "Match Case" (unchecked) and "Search Fields As Formatted" (checked). Buttons for "Find Next" and "Cancel" are visible.



# Ability to Quickly Separate Data





# Ability to Quickly Sort Data

menu FRM\_RolodexGrid

**Rolodex Grid**

Remove Filter

Filter by Lastname:

Filter by Court Date:

Filter by Status:

Filter by Court Source:

Filter by Interviewer:

Filter by LastName:

Filter:

Filter:

Filter:

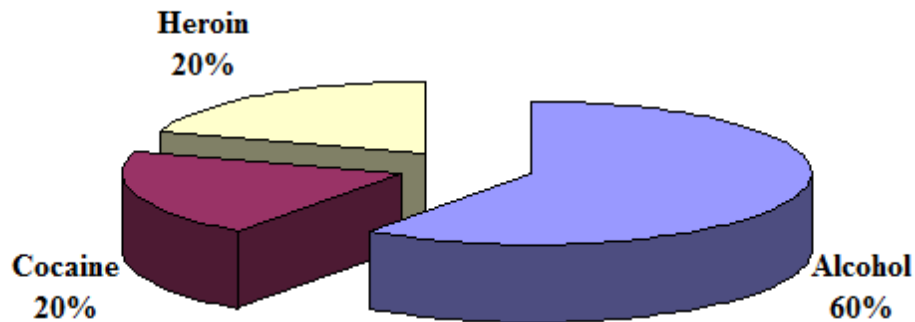
Filter:

	Name	D.O.B.	Court Date	Status	Court Source	Interviewer
▶	DEL VALLE, JUAN	6/21/1978	6/10/2014	Active	Veteran Court	Pamela
	DEL VALLE, JUAN	6/21/1978	12/13/2013	Grad	Drug Court	JOSE
	DOE, JOHN F	7/7/1977	6/17/2013	Terminated	Drug Court	JOSE
	PEREZ, ROSITA C	7/4/1989	7/11/2013	Terminated	Drug Court	JOSE
	SMITH, MARIA R	8/5/1965	7/11/2013	Detained	Mental Health Cour	Bridget
*	,					

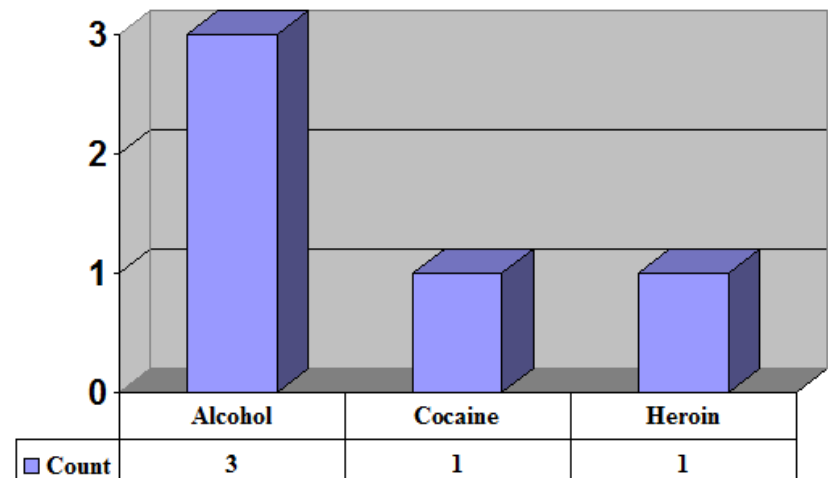


# Ability to Display Visual or Organized Representation of Data

Primary Drug Percentage Chart



Primary Drug Chart (Numbers)



Ethnicity	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Hispanic	3				1	1				1			
Non-Hispanic	2						2						

# Ability to Create New Fields As Needed

Field Name	Data Type	Description
200%Poverty	Currency	
Abused	Text	
Abused_Sexually	Yes/No	
Abused_Mentally	Yes/No	
Abused_Physically	Yes/No	
Active_in_Counseling	Yes/No	
Active_in_School	Text	
Address	Text	
Age	Number	
Age_Classification	Text	
AKA	Text	
Alternative Phone	Text	
Alternative Contact	Text	
Annual Income	Currency	

Field Properties

General	
Format	Currency
Decimal Places	Auto
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Indexed	No
Smart Tags	
Text Align	General



## **For More Information Please Contact:**

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**Thank You!!!**



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