



**Annual Report on Special Populations Assessments Received
July 1, 2002 to June 30, 2003**

Statewide

Clients in All Population Groups

Produced by
Institute for Community-Based Research
National Development & Research Institutes, Inc.
940 Main Campus Drive, Suite 140
Raleigh, NC 27606

Contact Information

Gail Craddock: 919.863.4600 x226 craddock@ndri-nc.org
Marge Cawley: 919.863.4600 x223 cawley@ndri-nc.org

Purpose

This feedback report is for use of the NC Community Policy Management Section and Area and Specialty programs to assist in monitoring, comparing, and managing their substance abuse services. The report provides both cross sectional and longitudinal data to describe clients at key points in the treatment episode. The table below indicates the numbers of assessments received during this fiscal year on which this report is based. The pages of this report are described on the next page (Contents).

Number of Statewide Assessments Received, by Assessment Type and In-Person Status

Type of Assessment	Number	Number with In-person Interviews	Percent with In-person Interviews
Initial Assessments	10,336	10,336	100%
3-Month Update Assessments	3,519	2,083	59%
6-Month Update Assessments	1,766	1,165	66%
12-Month & Other Annual Update Assessments	1,466	1,208	82%
Discharge or Transfer Assessments:			
-Completed Treatment	1,849	708	38%
-Transferred to another program	597	74	12%
-Treatment non-completion(a)	4,704	123	3%

(a) Includes those who did not return as scheduled, discharged at program initiative, refused treatment, were incarcerated, institutionalized, or died.

General Information on Interpreting Tables

Types of Statistics

- ▶ A count shows the actual number (often designated by the letter “n”) of clients.
- ▶ A percentage is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.
- ▶ An average is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.
- ▶ A median is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, **22**, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or a very low value. When a number in a cell is a median, the word median will appear in the row descriptor.

Missing Data

For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have turned in 50 NC-TOPPS Initial Assessment forms, but in 2 of the forms, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% (25/48 * 100).

Multiple Response

“Multiple response” indicates a “mark all that apply” type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or referral source. This is in contrast to items such as gender or age, where only a single response is allowed and responses total to 100%.

Urinalysis Tests

There are differences across facilities in the way in which urinalyses are conducted. The issues include: (1) completely random or for "cause"; (2) observed or non-observed; and (3) frequency of tests. Based on the way the data is currently collected, it is not possible to resolve all of the differences. However, some features of the report help clarify some of these differences. The percentage of cases with urine tests and the average number of tests done per client are shown to help contextualize the interpretation of the subsequent urinalysis results.

- The average number of urine tests is calculated based on those clients who had at least one test done.
- The percent of clients tested that were positive for specific substances is based only on those clients who were tested.

Page 1 Initial Assessments: Demographics and Client Characteristics

This page provides an overall description of the gender, age, ethnicity, educational background and marital status of clients for whom Initial Assessments were received from July 1, 2002 to June 30, 2003. In addition, referral source and treatment population is shown.

Page 2 Initial Assessments: Pre-treatment Behaviors, Indicators, and Ratings

This page continues to show information on the same clients described on Page 1. Client responses to questions regarding their drug use, participation in the labor force, ratings of family life and health, from the NC-TOPPS Initial Assessment are displayed. In addition, average GAF scores from client medical records are reported.

Page 3 3-Month Assessments: Items from Client Medical Records

This page reports on clients for whom a 3-month Update Assessment was received from July 1, 2002 to June 30, 2003. These clients may overlap somewhat with the clients who had an Initial Assessment during this period, but also includes any 3-Month Assessments received during the fiscal year and include clients whose Initial Assessment was done in the previous fiscal year. Page 3 shows Update Assessment items that are completed by the clinician from medical records.

Page 4 3-Month Update Assessments: During Treatment Behaviors, Indicators, Ratings, and GAF Scores

This page reports on clients for whom a 3-month Update Assessment was received from July 1, 2002 to June 30, 2003 and had an in-person interview. This is usually a smaller group than reported on Page 3 since there is an option to submit an Update Assessment without an in-person interview. Page 3 reported on these same clients plus the ones who were not interviewed in-person.

Page 5 Behaviors, Indicators, and GAF Scores at Initial Compared to 3-Month Assessment

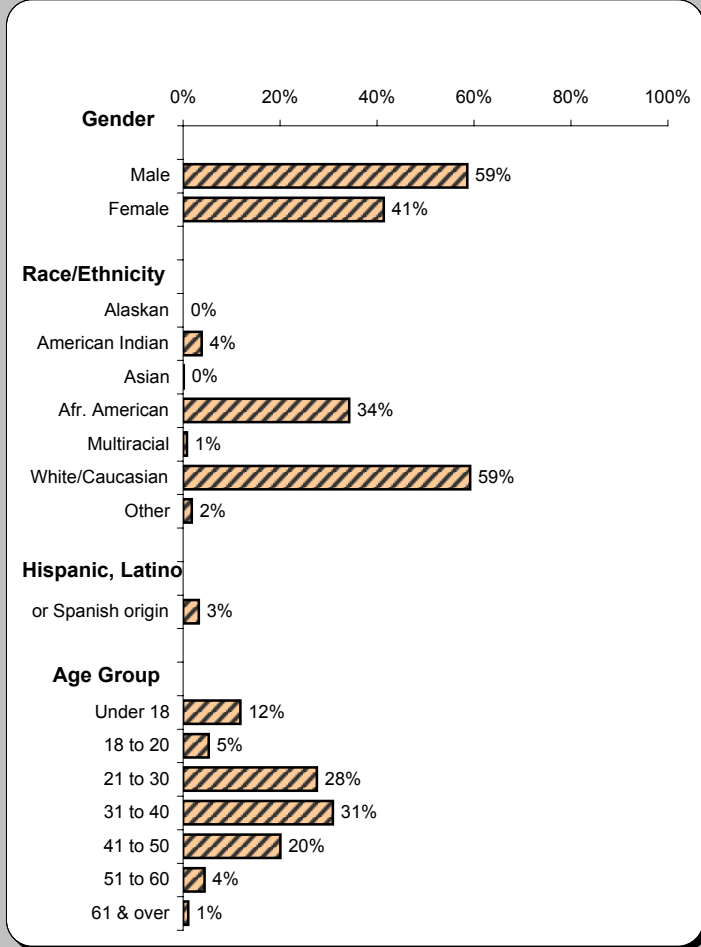
Page 5 compares the behaviors of a group of clients before and during treatment. Information on before treatment behaviors was obtained from the Initial Assessment conducted at the beginning of treatment while information on during treatment behavior was obtained at the 3-month Update Assessment. Unduplicated 3-month Update Assessments with an in-person interview for whom a matching Initial Assessment could be identified (going back the past 2 State fiscal years) are included. This is a change from the methodology used in past year annual reports.

Page 6 Behaviors, Indicators, and GAF Scores at Initial Compared to Discharge Assessment

(optional)

Page 6 compares the behaviors of a group of clients before and during treatment. Information on before treatment behaviors was obtained from the Initial Assessment conducted at the beginning of treatment while information on during treatment behavior was obtained on the Discharge Update Assessment. Unduplicated Discharge Assessments for clients who "completed treatment" with an in-person interview for whom a matching Initial Assessment could be identified (going back the past 2 State fiscal years) are included. All discharges completing treatment in the current fiscal year are candidates for inclusion on this page.

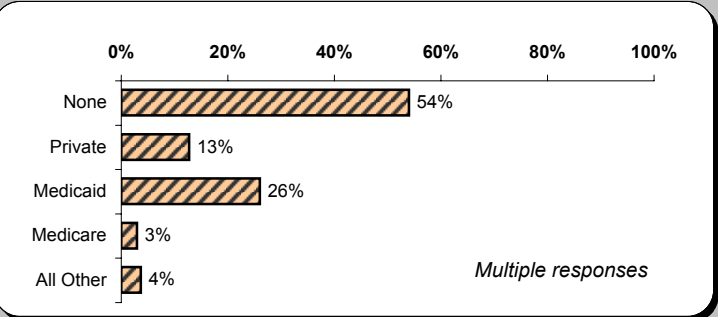
Graph 1-1: Demographics



Children Under 18

51% of Statewide clients have children under age 18.

Graph 1-2 Health Insurance



Graph 1-3 Referral Sources

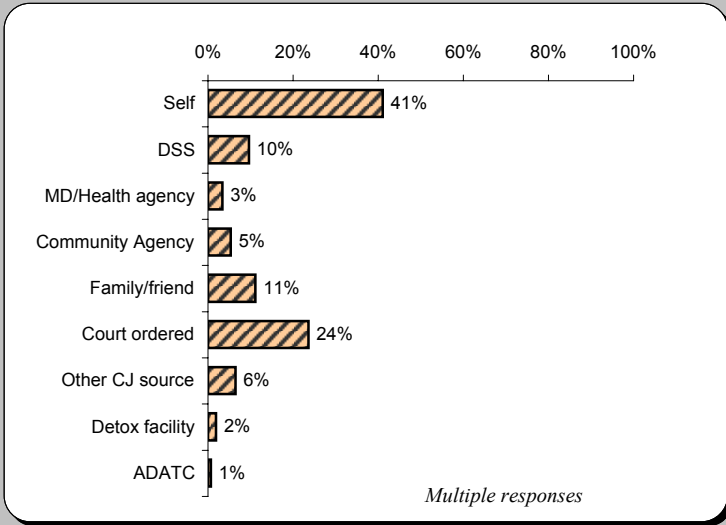
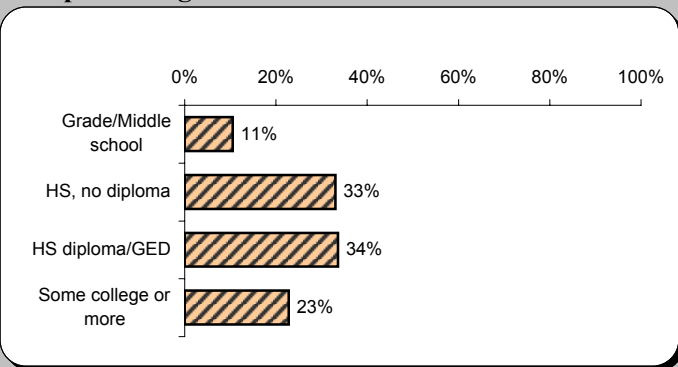


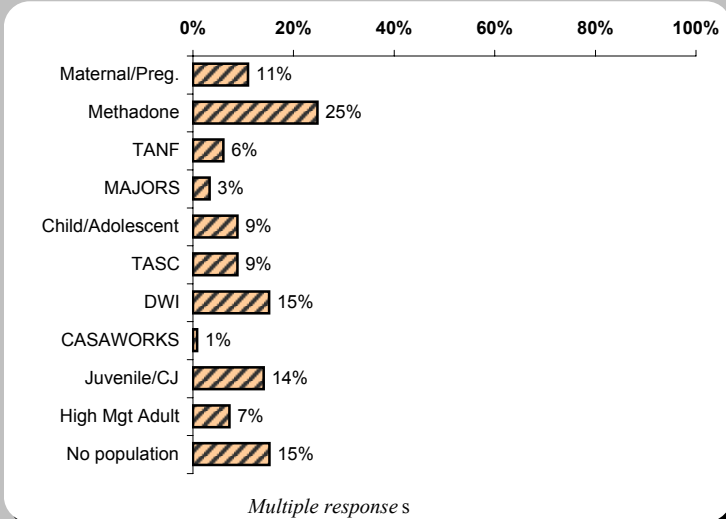
Table 1-1 Marital Status

Marital Status	Statewide
Never married	48%
Married or living as	23%
Divorced/Widowed/Separated	28%

Graph 1-2 Highest Educational Achievement

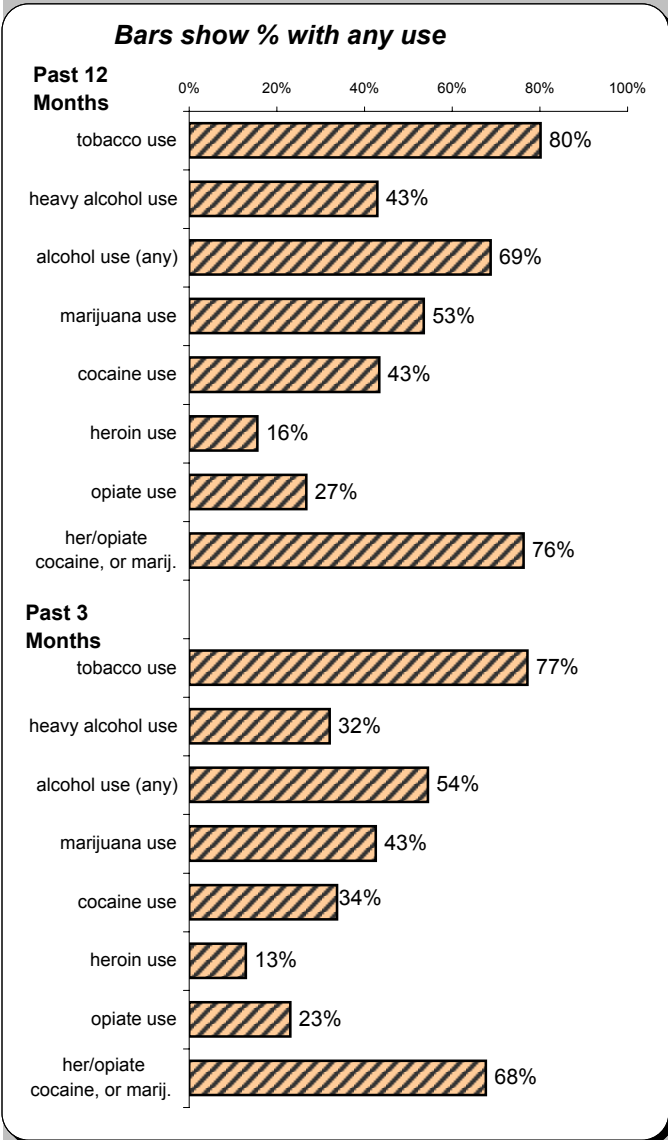


Graph 1-4 Special Populations



Number of Initial Assessments: Statewide = 10,336

Graph 2-1: Self-Report Substance Use



Injection Drug Use

23% of Statewide clients report that they have injected drugs.

90-Day Abstinence

Clients were asked how long they have been abstinent at this time. 27% of Statewide clients reported abstinence for at least the past 90 days.

General Assessment of Functioning (GAF)

GAF scores were reported for 96% of Statewide clients. The average score was 50.1 and the median score was 50.

Table 2-1: Employment, Past 3 Months

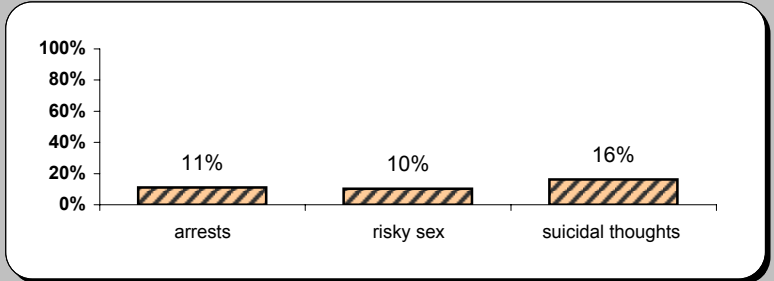
68% of Statewide clients are in the labor force meaning that they are working, or unemployed and looking for work.

Of those in the labor force	Statewide
Percent employed full-time	42%
Percent employed part-time	20%
Percent unemployed (seeking work)	37%

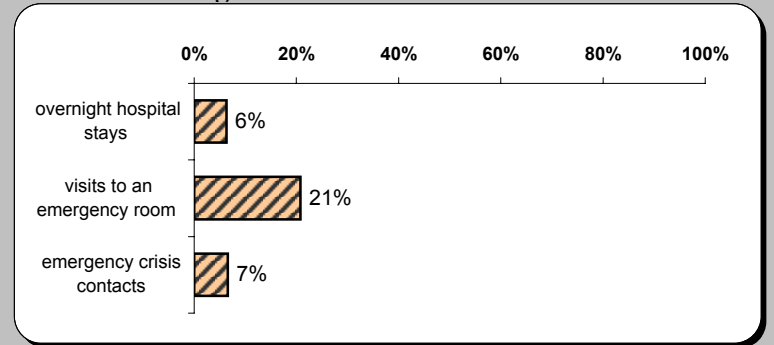
TANF

Of all Statewide clients, 1% are working TANF hours.

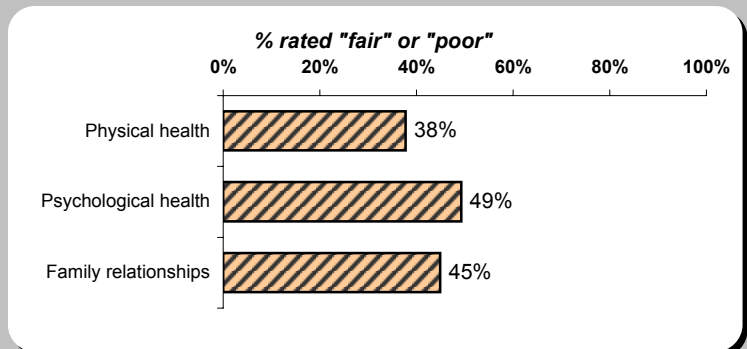
Graph 2-2: Problem Indicators, Percent with Problem in Past 3 Months



Graph 2-3: Health Care Utilization: Percent Using Services in the Past 3 Months



Graph 2-4: Client Ratings on Quality of Life Indicators

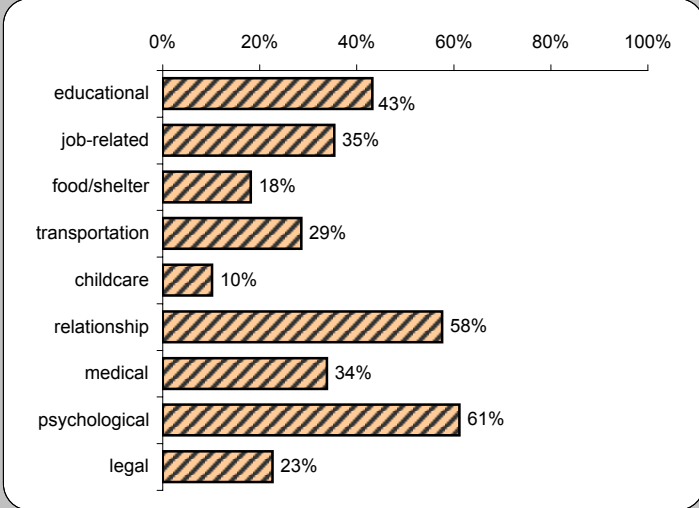


Number of Initial Assessments: Statewide = 10,336

Clients Reported on this Page

Client Characteristics	
Male	55%
African American	33%
White/Caucasian	61%
30 years and younger	44%

Percent who Still Need Services, by Service Area



Note: Services may have been delivered in these areas, but are still needed.

HIV, TB, & HIV Screening & Referral

Percent screened	26%
Percent who still need to be screened	10%
Percent referred for treatment	4%

Treatment Participation - Group Sessions

Group sessions were scheduled for 66% of Statewide clients. Among those scheduled for sessions, the AVERAGE number of attended was 13 sessions and the MEDIAN number attended was 7.

Treatment Participation - Individual Sessions

Individual sessions were scheduled for 71% of Statewide clients. Among those scheduled for sessions, the AVERAGE number of attended for was 4.9, and the MEDIAN number sessions attended was 4.

Treatment Participation - Residential

Residential treatment was attended by 6.4% of Statewide clients. Those receiving residential treatment were in treatment an average of 50 days.

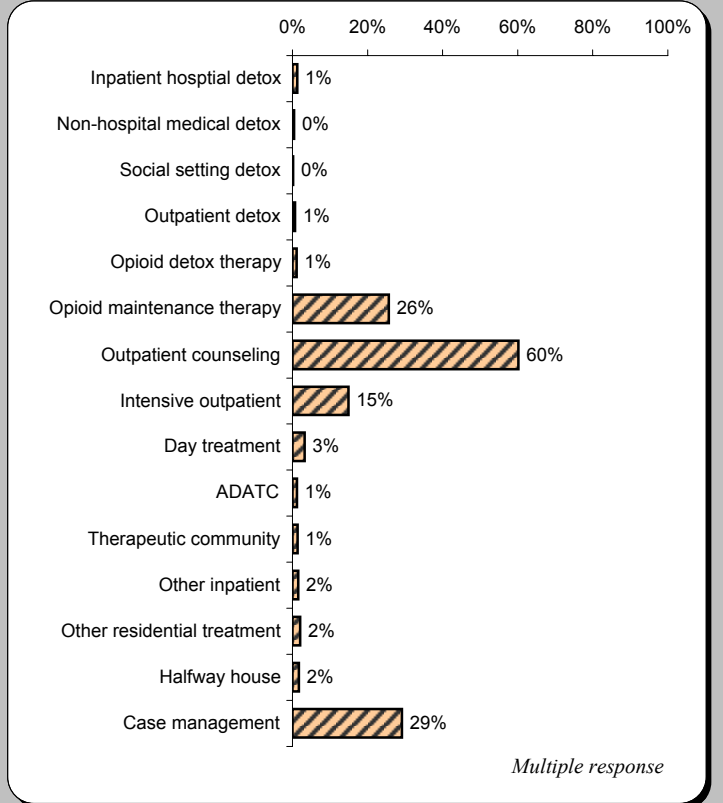
Family Involvement

Percent with face to face contact of client's family with program staff.	23%
--	-----

Methadone Dose

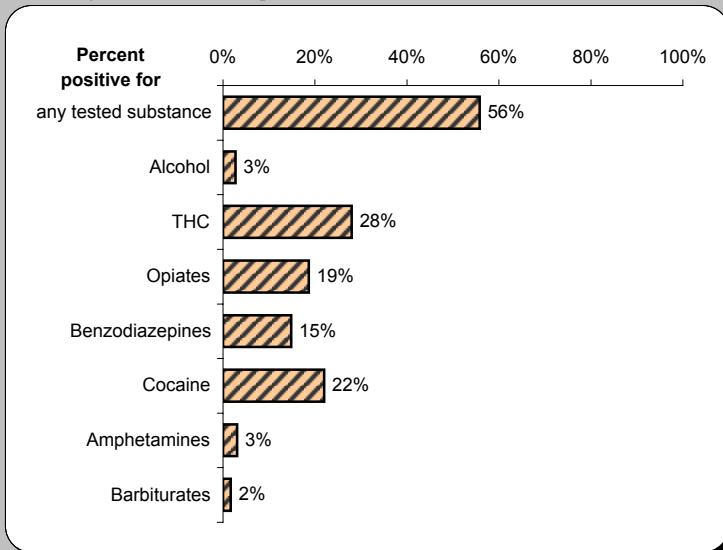
920 Statewide clients were receiving methadone. The average dose for these clients was 83.8 mg.

Graph 3-1 Types of Treatment Rendered



Graph 3-2 Drug Test Results

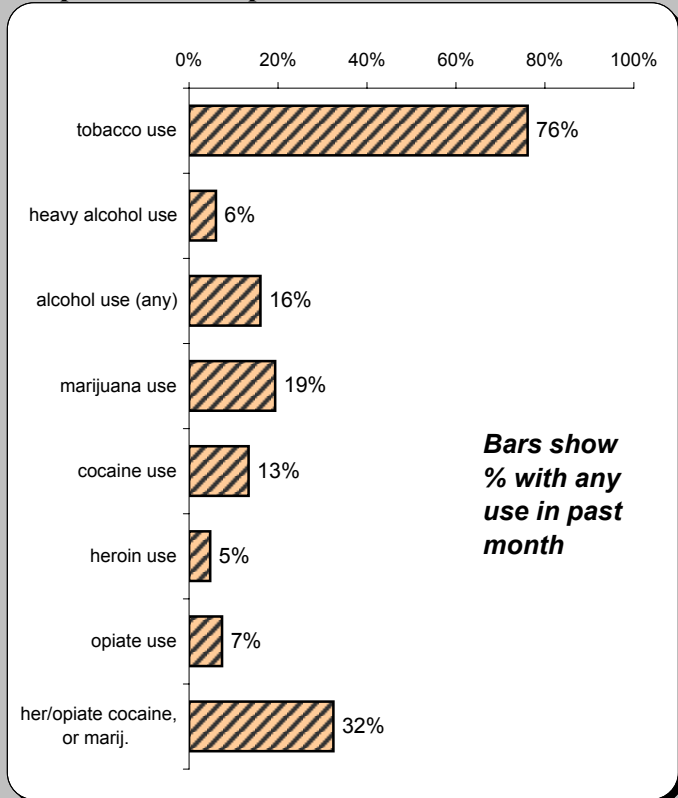
# of cases with urine tests	2185
% of cases with urine tests	62%
Average # of urine tests per client tested	4.2



Clients Reported on this Page

Client Characteristics	Statewide
Male	54%
African American	29%
White/Caucasian	66%
30 years and younger	45%

Graph 4-1: Self-Report Substance Use



Injection Drug Use, Since Last Assessment

5.8% of Statewide clients reported that they have injected drugs since the last assessment.

90-Day Abstinence

Clients were asked how long they had been abstinent at this time. 54.1% of Statewide clients reported abstinence for the past 90 days.

Support and Motivation

Item	Percentage
Have sponsor	16%
Use faith, prayer, religion, or spiritual involvement regularly	52%
Attend self-help/support group weekly	33%

Update Assessments (with in person interview): 2083

General Assessment of Functioning (GAF)

A GAF score was reported for 92% of Statewide clients. The average GAF score was 52.6 and the median GAF score was 50.

Table 4-1: Employment, Past Month

65% of Statewide clients are in the labor force meaning that they are working, or unemployed and seeking work.

Of those in labor force	Statewide
Percent employed full-time	47%
Percent employed part-time	22%
Percent unemployed	31%

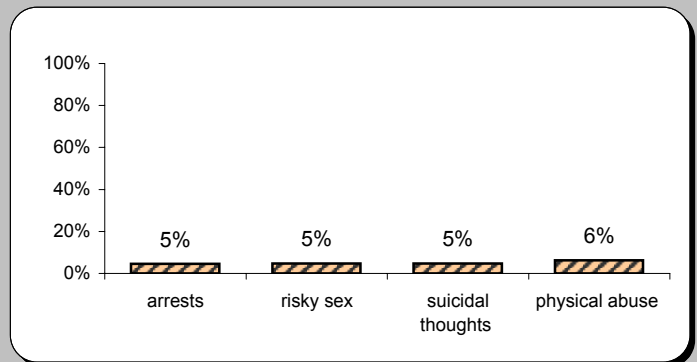
TANF

Of all Statewide clients, 1% are working TANF hours.

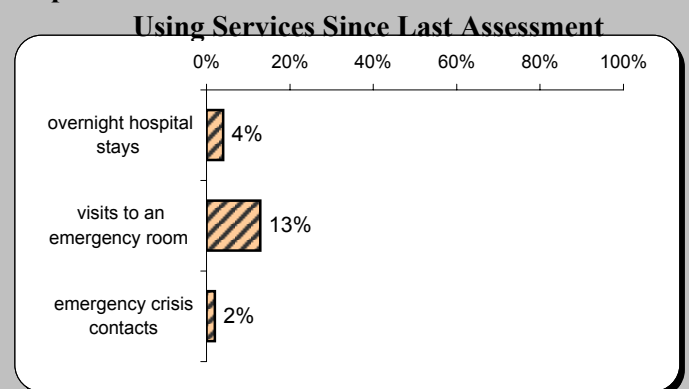
Pregnancy

Number currently pregnant	103
Number of births, since last assessment	54

Graph 4-2: Problem Indicators, Percent with Problem Since Last Assessment



Graph 4-3: Health Care Utilization: Percent Using Services Since Last Assessment



Interpreting Matched Record Data

Charts and tables on this page compare information from a group of clients who have both an Initial and a 3-month Update Assessment with in-person interview. Assessment responses to similar items at different time frames are compared. Initial Assessment time frames refer to the past 12 months or past 3 months before the interview (solid or orange bar) while Update Assessment time frames (diagonal striped bar) refer to "since the last assessment" or the most recent month prior to the assessment.

Graph 5-1: Demographics

Measure	(n=1754)
Male	54%
African American	30%
White/Caucasian	65%
30 years and younger	47%

Graph 5-1: Self-Report Substance Use

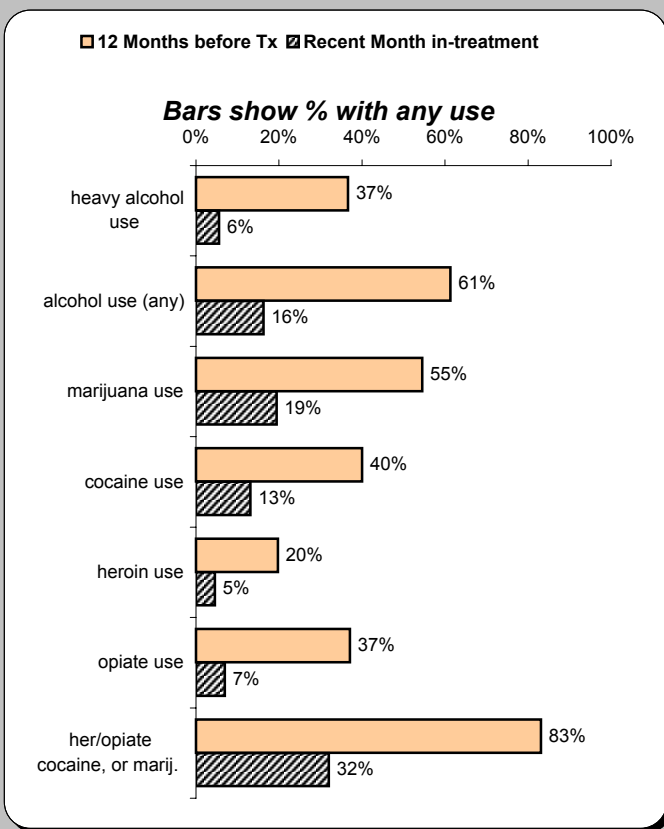


Table 5-1 Injection Drug Use and Abstinence

Measure	Before	During
Injection use*	29%	5%
90 days or more abstinence	28%	54%

*Ever injected before initial is compared to since last assessment.

Table 5-2: Employment

Employment Indicator	Before Initial	Month in-treatment
In Labor Force	64.9% (n=1116)	65.5% (n=1111)
Employed full-time*	45.3% (n=506)	45.7% (n=508)
Employed part-time*	19.4% (n=216)	21.8% (n=242)
Unemployed*	24.6% (n=275)	32.5% (n=361)

* of those in the labor force.

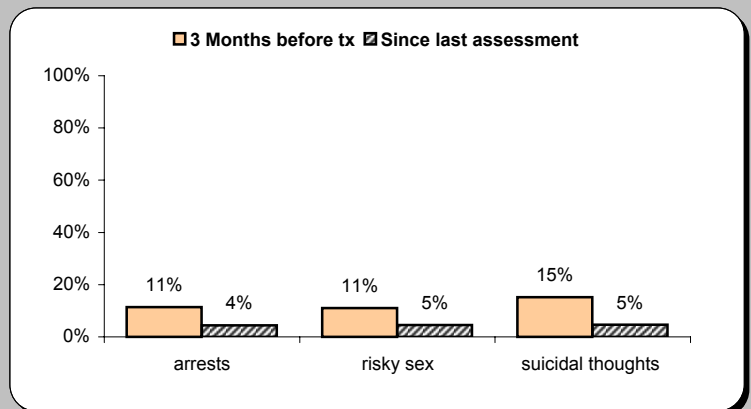
TANF

Before treatment, 19 clients worked in TANF. By the 3 month update, 18 clients were working in TANF.

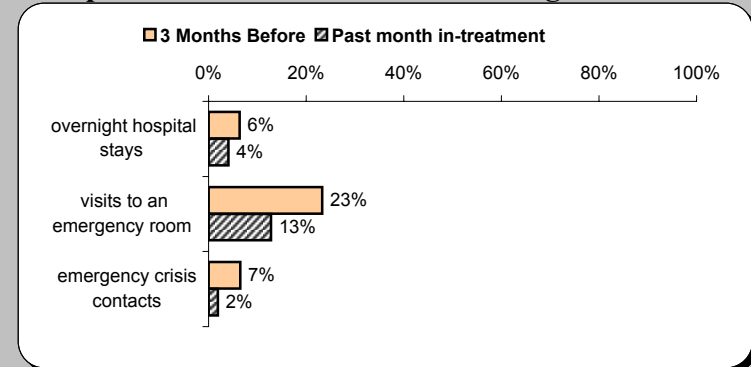
Table 5-3 GAF Score at Initial and Update

Measure	Initial	Update
% with GAF scores	97%	96%
Mean	50.1	52.2
Median	50	50

Graph 5-2: Problem Indicators



Graph 5-3: Health Care Percent Using Services



Average Days Between Assessments

The average number of days between the Initial and Update Assessment was 95 days.

Interpreting Matched Record Data

Charts and tables on this page compare information from a group of clients who have both an Initial and a Discharge with a discharge status of "completed treatment" and was interviewed in-person. This group of clients may not be representative of all such discharges since the in-person interview rate is generally low. Initial Assessment time frames refer to behaviors in the 12 months or 3 months before the interview while Update Assessment time frames may refer to "since the last assessment" or the month prior to the interview.

Graph 5-1: Demographics

Measure	(n=616)
Male	68%
African American	33%
White/Caucasian	49%
30 years and younger	47%

Graph 5-1: Self-Report Substance Use

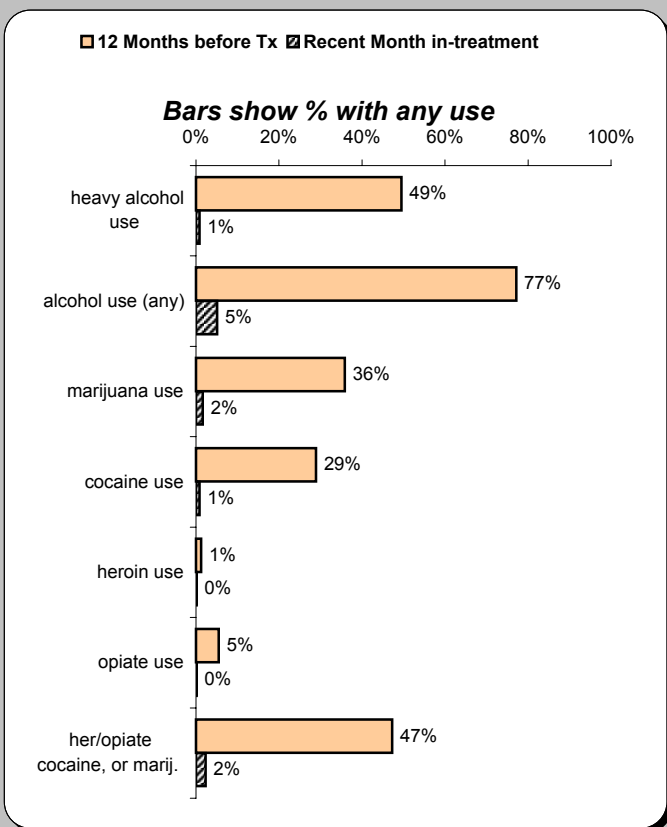


Table 5-1 Injection Drug Use and Abstinence

Measure	Before	During
Injection use*	6%	0%
90 days or more abstinence	42%	66%

*Ever injected before initial is compared to since last assessment.

Table 5-2: Employment

Employment Indicator	3 Months Before Initial	Last Month of trtmt
In Labor Force	70.2% (n=424)	66.9% (n=401)
Employed full-time*	60.8% (n=258)	62.3% (n=250)
Employed part-time*	15.3% (n=65)	18.7% (n=75)
Unemployed*	12.3% (n=52)	19% (n=76)

* of those in the labor force.

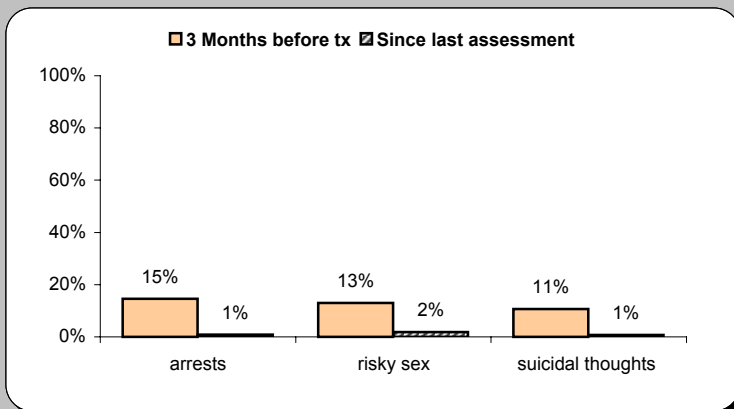
TANF

Before treatment, 5 clients worked in TANF. By discharge, 2 clients were working in TANF.

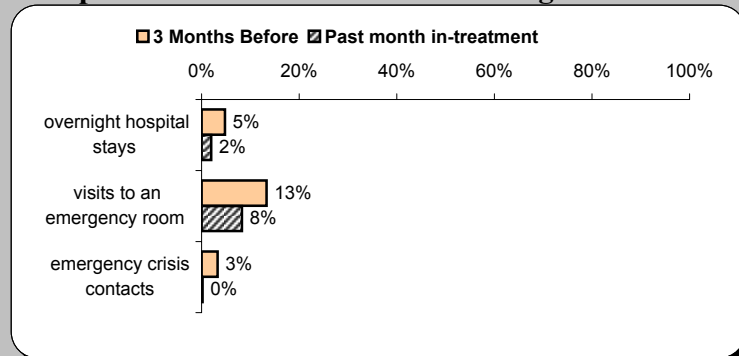
Table 5-3 GAF Score at Initial and Update

Measure	Initial	Update
% with GAF scores	97%	96%
Mean	52.8	60.6
Median	55	65

Graph 5-2: Problem Indicators



Graph 5-3: Health Care Percent Using Services



Average Days Between Assessments

The average number of days between the Initial and Discharge Update Assessment was 129 days.

Number of Matched Assessments: 616 Note: About half of Statewide discharges who completed treatment are DWI clients.