

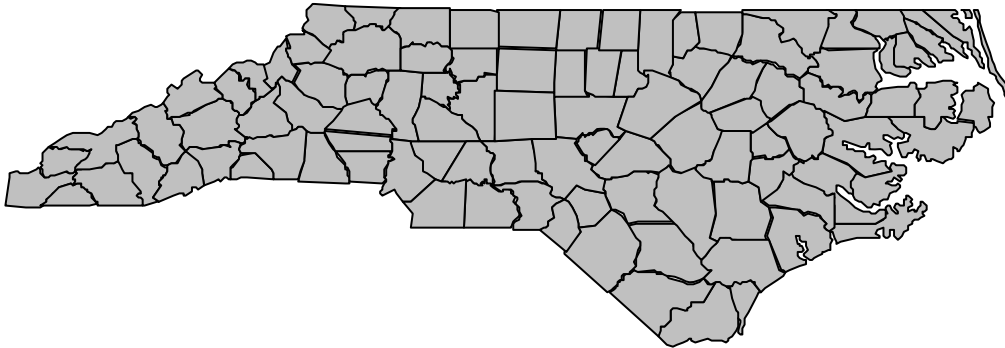
**North Carolina Department of Health and Human Services  
Division of Mental Health, Developmental Disabilities and Substance Abuse Services**

**NC-TOPPS**

North Carolina Treatment Outcomes and Program Performance System

**Adult Substance Abuse Consumers  
Initial Interviews Matched to 3-Month Update or Completed Treatment Interviews  
Statewide**

Note: Initial Interviews were conducted July 1, 2007 through June 30, 2008 and matched to Update or Completed Interviews conducted through December 31, 2008.



Data Collected By: Center for Urban Affairs and Community Services (CUACS)  
NC State University

Report Produced By: Institute for Community-Based Research  
National Development & Research Institutes, Inc. (NDRI)

Prepared For: Quality Management Team  
Community Policy Management Section  
DMH/DD/SAS  
NC DHHS

March 2009



**Matched Initial/Update Report**

This report provides Initial and Update Interview information gathered through the online North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). The report is divided into three parts and provides information on the consumer and treatment received.

I	II	III
Age	Employment	Suicidal thoughts
Gender	Substance misuse	Aggressive behavior
Race/Ethnicity	Legal involvement	Self-destructive
DSM-IV Diagnoses	Housing arrangement	Physical violence
Treatment participation	Academic performance	Sexual behaviors
Services needed & received	Barriers to treatment	Health care services

Information for Part I can be obtained by the clinician from the consumer record. The preferred method for completing Part II is a personal interview; however, a telephone interview, clinical records or notes can also be used to gather this information. Information contained in Part III can only be obtained during a personal interview. If a personal interview is not conducted questions in this section are not asked. Also, a minimum of 20 consumers must complete part III for these data to be reported.

Every data element or response category on the NC-TOPPS interview is not displayed in this report. In production of this report data are cleaned and apparent duplicates removed prior to preparing the tables and charts. Due to this and potential timeframe differences, charts and tables contained in this report may not match those obtained from online queries.

This feedback report is available to the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services (NC DMH/DD/SAS), Local Management Entities (LMEs), and providers. Additional information about NC-TOPPS and pdf copies of the online NC-TOPPS interviews are located at: <http://nctopps.ncdmh.net/>.

**General Information on Interpreting Tables**

- Types of Statistics      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.
- Missing Data            Some of the NC-TOPPS forms entered have a particular item or question 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 submitted 50 interviews but in 2 of the interviews, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% (25/48\*100).
- Denominator            The denominator for nearly all percentages is the number of cases shown on the bottom left of the page minus item missing data. All exceptions to this general rule are **specifically noted** with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those in the labor force" or "of those with children."
- Multiple Response      "Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. Total responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.
- Time periods of behaviors measured      Behaviors are measured at several time periods including the past year, the past 6-months, the past 3-months, the past month, or since the last interview. For Initial Interviews, the time periods can generally be construed to mean the time period before treatment begins. For Update Interviews the time is measured from the time at which the interview occurs back one month, 3-months, or since the last interview.
- Definitions of terms    The Appendix at the end of the report gives definitions of acronymns, abbreviations, and other terms used in this report.
- Notes:**                    Substance abuse consumers who are also being treated for mental health (co-occurring) are included in this report.

**Statewide Adult Substance Abuse Consumers**  
**Initial Interviews Matched to 3-Month Update or Completed Treatment Interviews**  
**Initial Interviews Conducted July 1, 2007 through June 30, 2008**

**Initial Interview column** Shows the unduplicated number of Initial Interviews conducted July 1, 2007 through June 30, 2008.

**Updates matched column** Shows the number of consumers who had an Initial Interview and either a 3-Month Update or Completed Treatment Interview done through December 31, 2008.

**Percent matched column** The percent of Initial Interviews that had an Update (either 3-month or completed treatment) Interview.

LME	Initial Interview	Updates Matched	Percent Matched
Alamance-Caswell-Rockingham	317	56	17.7%
Albemarle	606	383	63.2%
Beacon Center	276	103	37.3%
CenterPoint	518	238	45.9%
Crossroads	507	119	23.5%
Cumberland	585	154	26.3%
Durham	511	208	40.7%
East Carolina	625	207	33.1%
Eastpointe	673	302	44.9%
Five County	595	254	42.7%
Guilford	838	344	41.1%
Johnston	336	114	33.9%
Mecklenburg	3,699	1,416	38.3%
Mental Health Partners	837	474	56.6%
Onslow-Carteret	645	248	38.4%
Orange-Person-Chatham	284	154	54.2%
Pathways	493	247	50.1%
PBH	706	111	15.7%
Sandhills	556	167	30.0%
Smoky Mountain	505	122	24.2%
Southeastern Center	863	551	63.8%
Southeastern Regional	871	382	43.9%
Wake	798	254	31.8%
Western Highlands	798	276	34.6%
Total	17,442	6,884	39.5%

**Notes:**

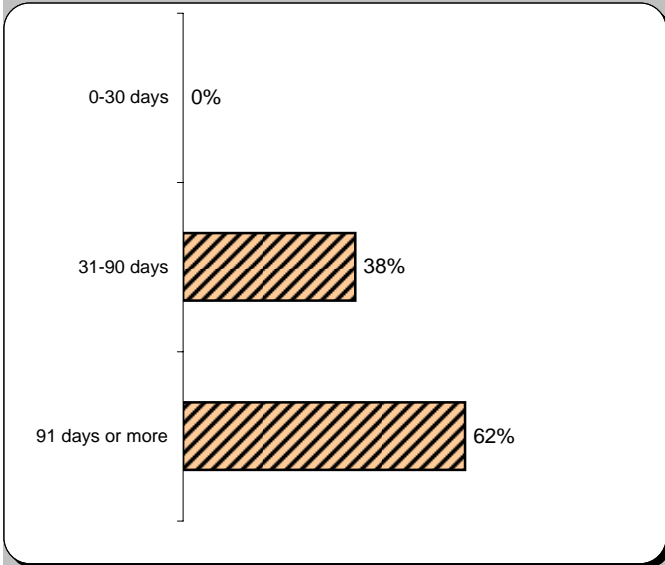
\* Several LMEs that were doing business in SFY 07-08 have merged with others. Consumers associated with these discontinued LMEs are excluded from this report.

\* Only one Initial interview per consumer is included in this report. Different numbers of Initial Interviews may be shown in other reports.

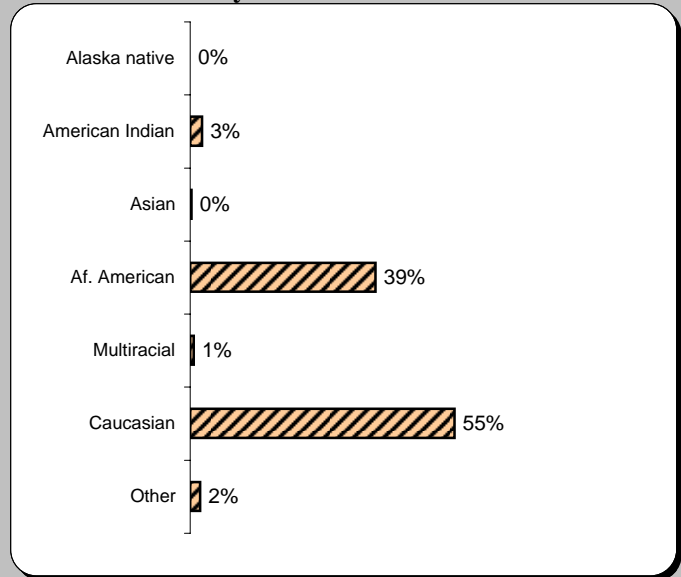
**Part I**

Among Statewide consumers, 6,884 had an Initial Interview and 3-Month Update or Completed Treatment Interview. The following section describes characteristics of these consumers and their treatment.

**1-1: Days Between Initial and Update Interview**



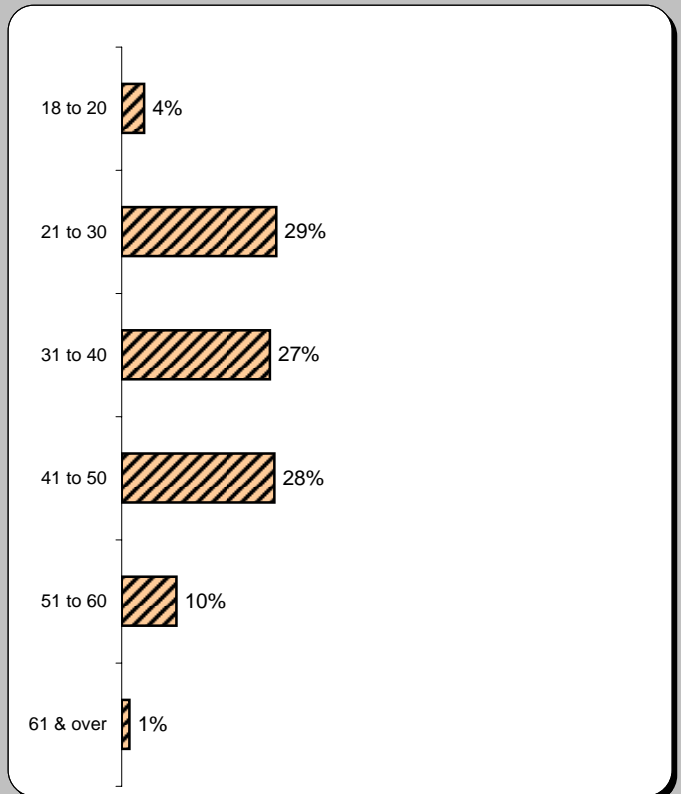
**1-3: Race/Ethnicity**



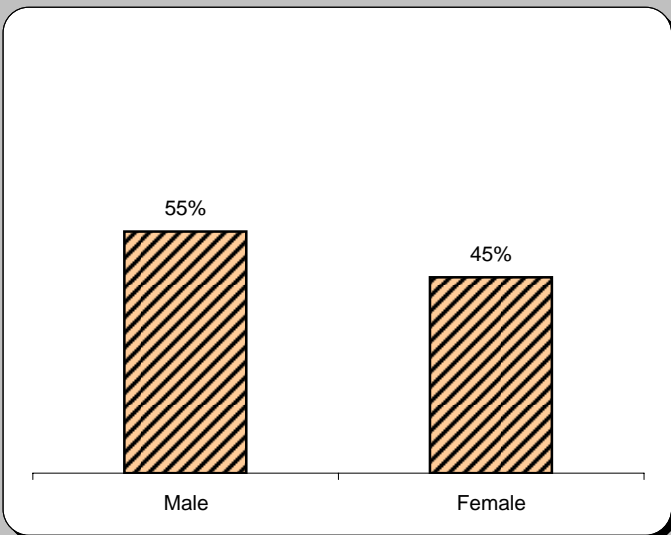
**1-4: Hispanic**

2% of Statewide consumers are Hispanic.

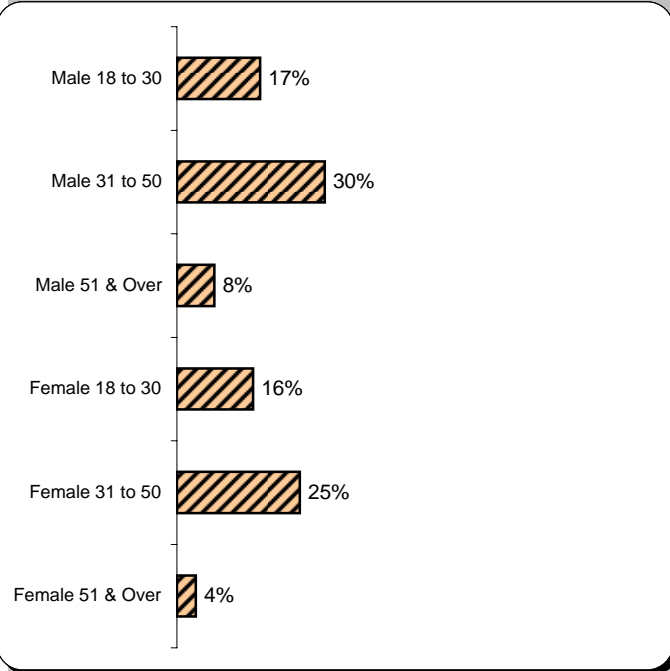
**1-5: Age Group**



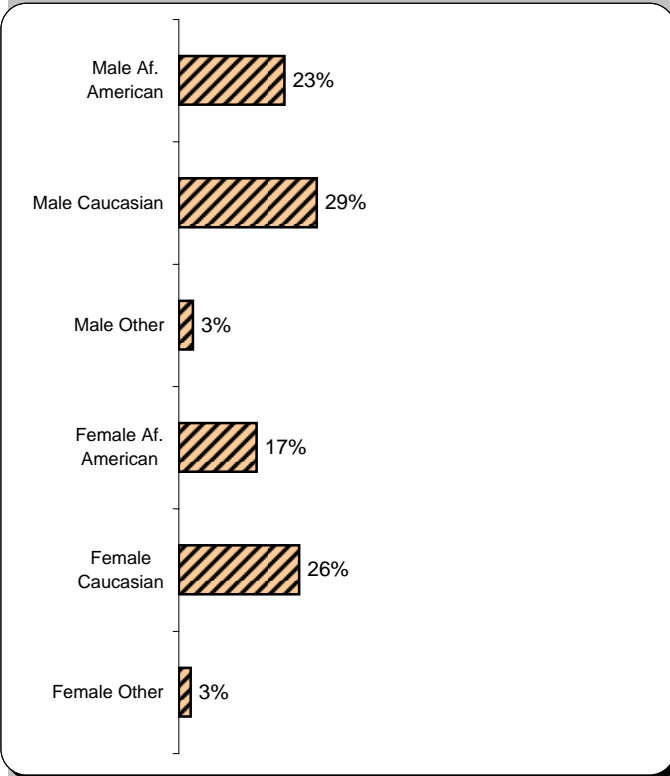
**1-2: Gender**



**2-1: Gender and Age**



**2-2: Gender and Ethnicity**



**2-3: Co-Occurring Status at Update**

Services/Supports Area	%
Substance abuse only	60%
Substance abuse and mental health (co-occurring)	40%

**2-4: Co-Occurring Consumers: Type of Treatment Professionals Providing Services/Supports**

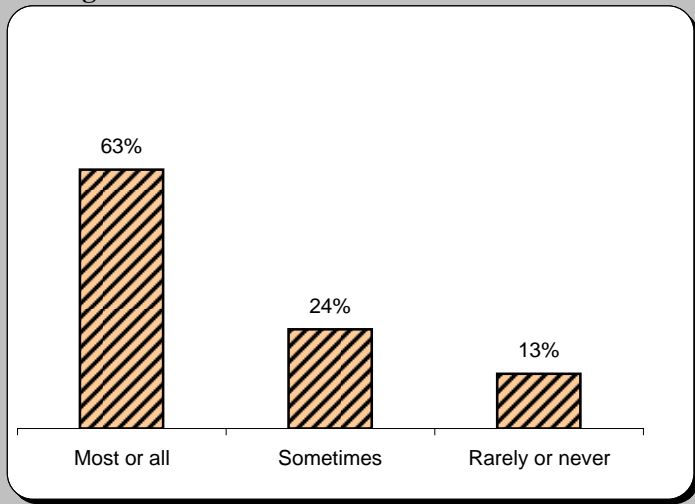
Type of Qualified Professional (QP)	Number
QP in substance abuse	324
QP in mental health	750
QP in both	1620
Total co-occurring consumers	2694

**2-5: DSM-IV Diagnoses at Update**

Diagnostic Category	%
Drug dependence	67%
Alcohol dependence	41%
Drug abuse	17%
Alcohol abuse	13%
Major depression	21%
Bipolar disorder	12%
Schizophrenia	6%
Anxiety disorder	6%
PTSD	5%
Personality disorder	4%

Only most common diagnoses shown. Multiple response

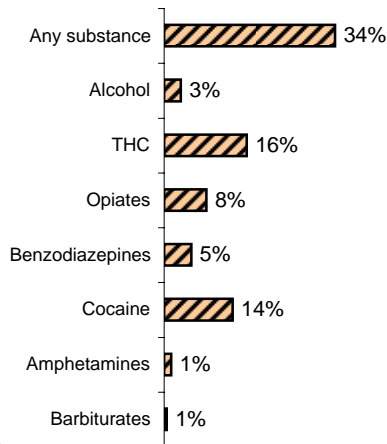
**2-6: Attendance at Scheduled Treatment Sessions, During Treatment Since Last Interview**



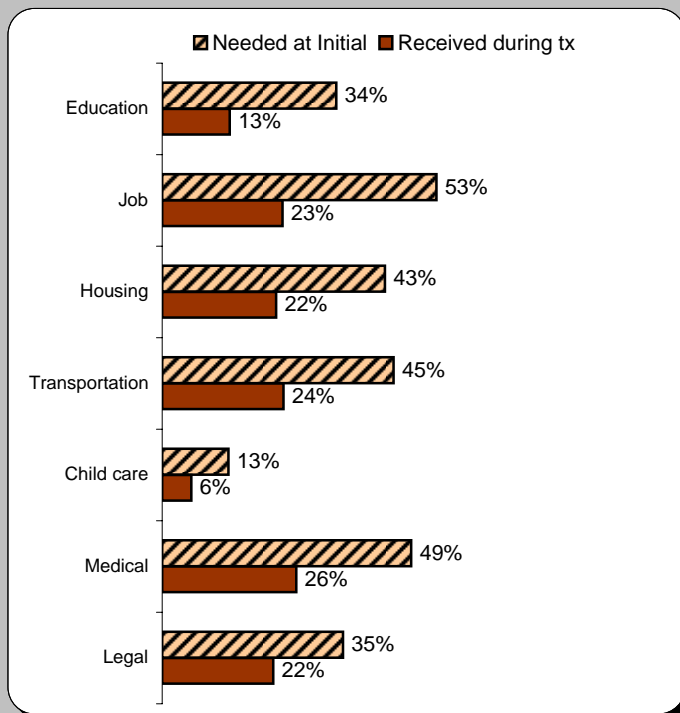
**3-1 Drug Test Results**

	During tx past 3 months
Number consumers tested	2,866
Percent of consumers tested	42%
Average # of tests for each consumer tested	4.5

**Percent Positive for...**



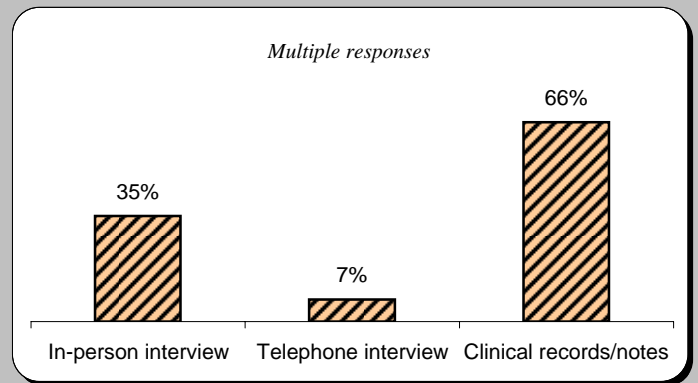
**3-2: Services Deemed "Very Important" at Initial and Received During Treatment**



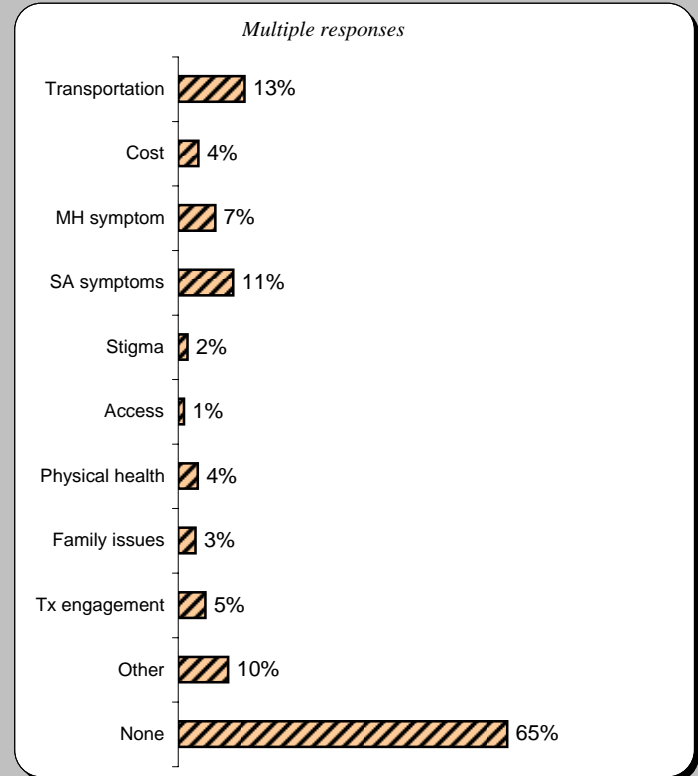
**Part II**

Some graphs and tables compare information collected at the Initial Interview with information collected in the Update Interview. Initial Interview information is designed to be collected by means of a personal interview with the consumer. The preferred method for completing the Update items in this section is a personal interview; however, a telephone interview, or clinical records or notes are also used.

**3-3: Update Interview Data Collection Method**



**3-4 Barriers to Treatment**

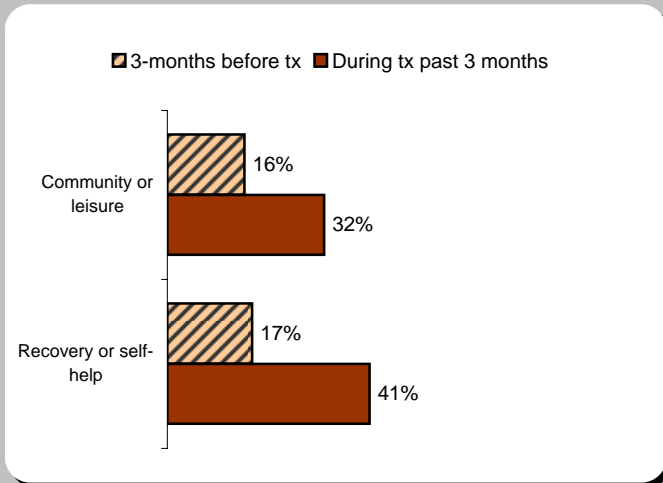


Number of matched Initial to Update Interviews: Statewide = 6,884

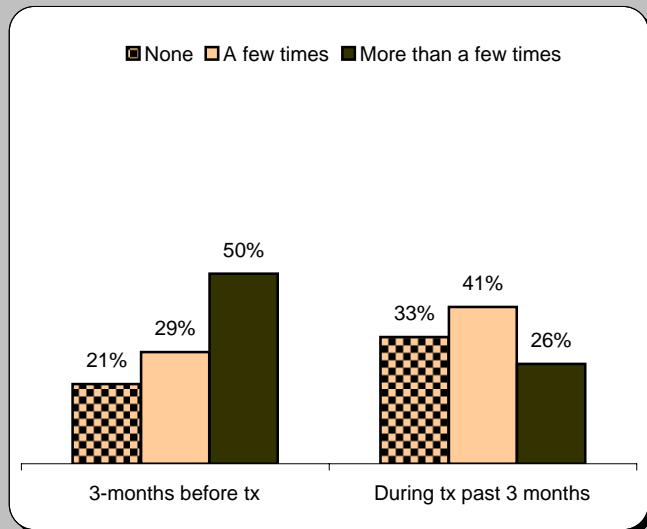
**4-1: Employment**

	3-Months before tx	Month during tx
% In labor force	72%	71%
Of those in the labor force...		
Employed full-time	27%	33%
Employed part-time	15%	19%
Unemployed (seeking work)	58%	48%

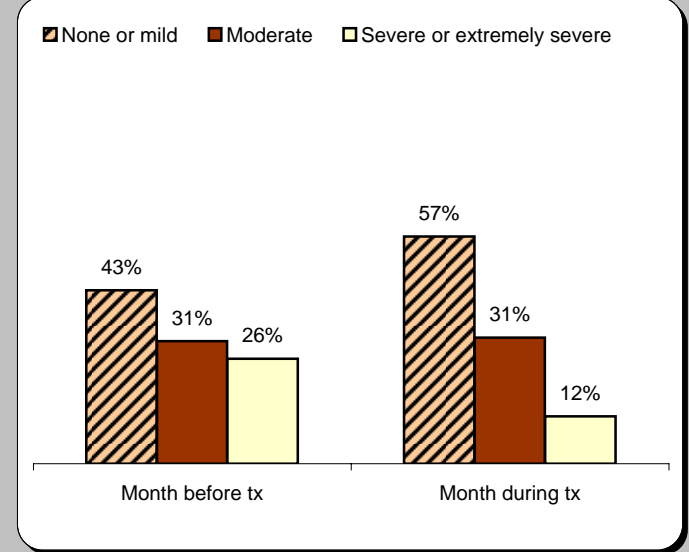
**4-2: Consumer Participation in Positive Activities (% participating "more than a few times")**



**4-3: How Often Problems Interfere with Work, School, or Other Daily Activities**



**4-4: Severity of Mental Health Symptoms**



**4-5 Homeless Consumers**

	3-Months before tx	During tx past 3 months
In Shelters	377	279
Not in Shelters	262	72
Total Homeless	639	351

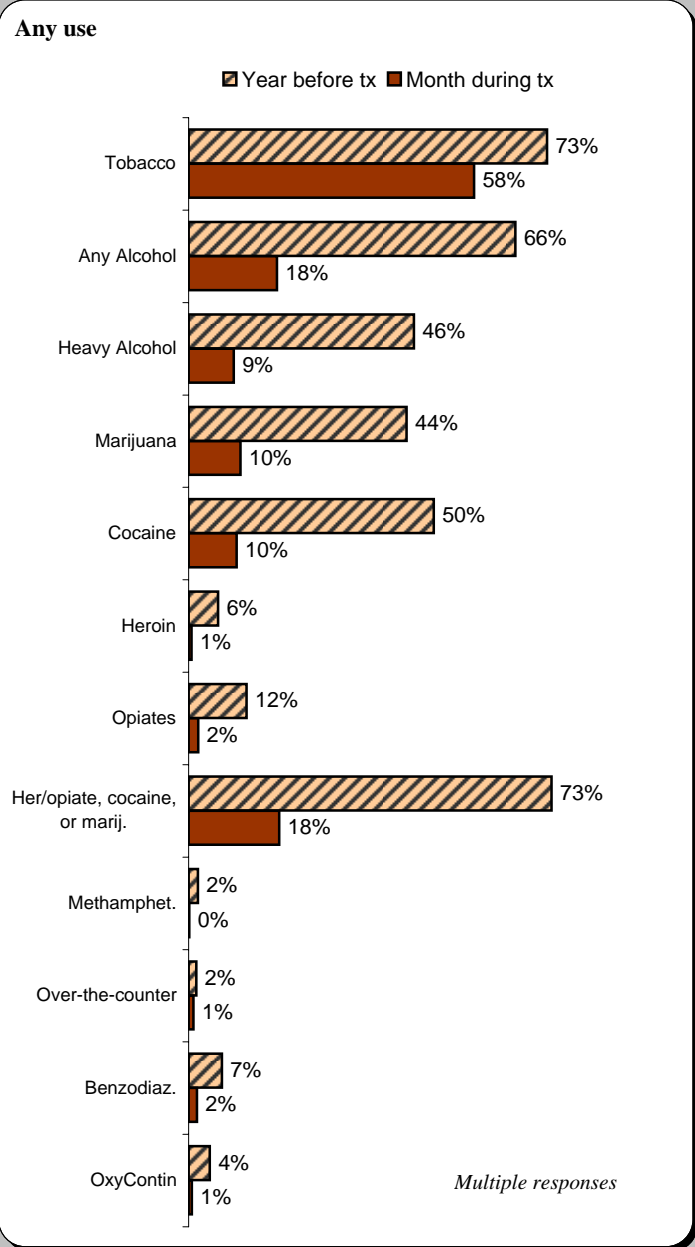
**4-6: Psychotropic Medications at Update**

48% of Statewide consumers have a current prescription for psychotropic medications. Of those, 79% take their medication as prescribed all or most of the time.

**4-7: Arrests or Criminal Justice Supervision**

	Before Tx	During Tx
Correctional supervision	30%	31%
Arrests in month prior	9%	3%

**5-1: Substance Use**



**Part III**

Questions contained in Part III must be answered by the consumer. If the consumer is not available, these items are skipped and left blank. Therefore, these items often represent the responses of fewer consumers. Also, a minimum of 20 consumers must complete this section for these data to be reported.

**\* 2488 of the 6,884 (36%) of Statewide Update Interviews included a personal interview with the consumer.**

**5-2: Used Needle to Inject Drugs**

	3 months before tx	3 months during tx
Needle use	4%	1%

**5-3: Recent Births or Pregnancy Status**

There were 1183 females responding to Part III of the Update Interview. Birth and pregnancy among these women is shown below.

	Number
Gave birth in past year	139
Currently pregnant	66
Uncertain about pregnancy status	9
In first trimester	7
In second trimester	23
In third trimester	34

**5-4: Behavior Problems and Symptoms**

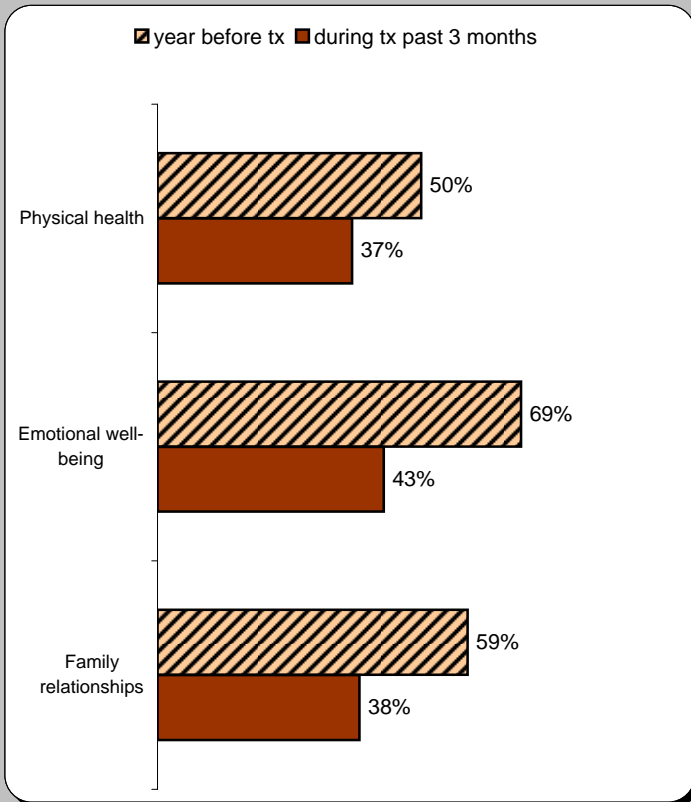
	3 Months before tx	During tx, since last interview
Suicidal thoughts	26%	13%
Tried to hurt or cause self pain	9%	3%

**5-5: Experienced Violence or Expressed Violence Against Others**

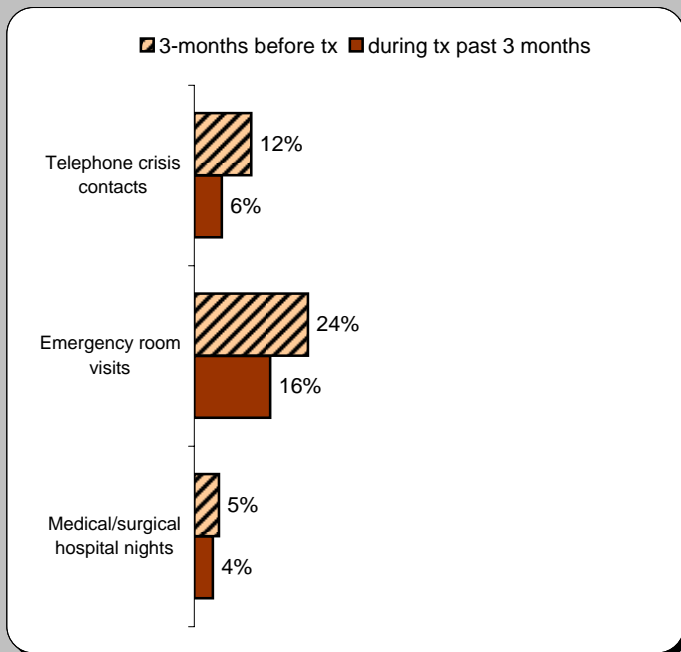
	3 Months before tx	During tx past 3 months
Physical violence experienced	12%	7%
Sexual violence experienced	2%	2%
Hit/physically hurt another person	11%	6%



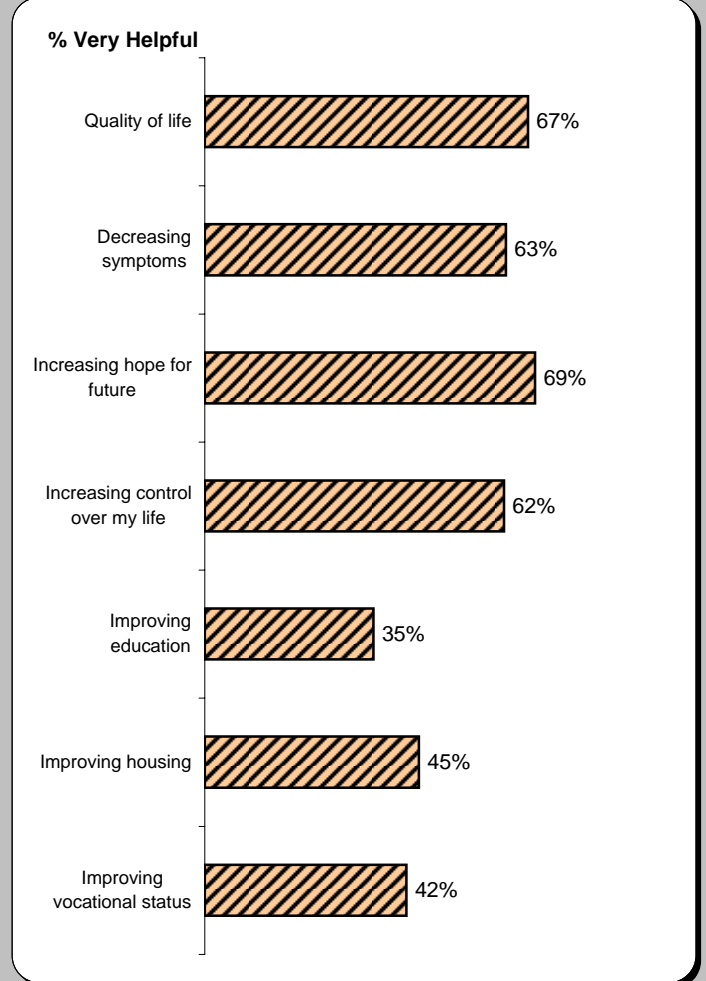
**6-1: Consumer Ratings on Quality of Life**  
**(% rated "fair" or "poor")**



**6-2: Health Care Received**



**6-3: Helpfulness of Program Services**  
**(of those for whom the service is applicable)**



Note: Zero percent may indicate not applicable for all consumers.



**Appendix**  
**Statewide Adult Mental Health Consumers**  
**Acronyms and Abbreviations used in this Report**

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<b>Acronym or Term</b>	<b>Definition</b>
Af. American	African American
Benzodiaz.	Benzodiazepine(s)
Her	Heroin
Marij.	Marijuana
Methamphet.	Methamphetamine
MH	Mental Health
PTSD	Post-traumatic Stress disorder
QP	Qualified Professional
SA	Substance Abuse or Substance Abuser
THC	Marijuana
Tx	Treatment