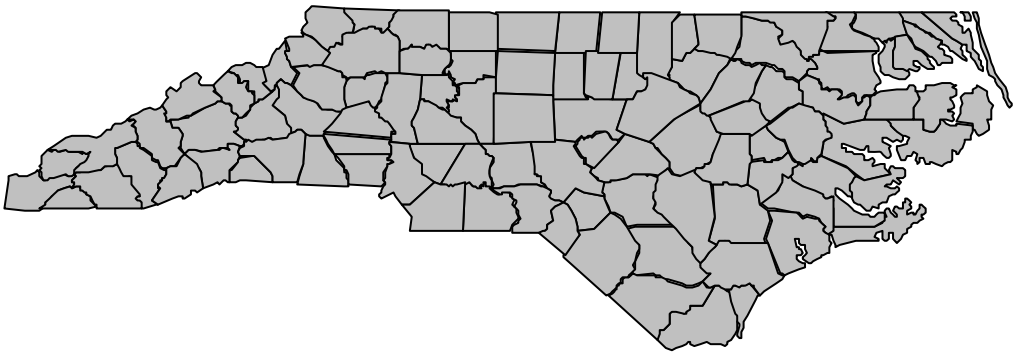
North Carolina Department of Health and Human Services
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

NC-TOPPS

North Carolina Treatment Outcomes and Program Performance System

Adult Mental Health Consumers
Statewide

Initial Interview Matched to 3-Month Update Interview
Initial Interviews Conducted: July 1, 2006 through June 30, 2007
Note: Includes matching Update Interviews though December 2007.



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

January 2008

NC TOPPS

NC TOPPS **Adult Mental Health Consumers**

Matched Initial/Update Report

This feedback report is available to Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services on data gathered for mental health consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). This report provides information gathered through the online NC-TOPPS Initial and Update Interviews. It provides six or seven pages of charts, tables and text information on consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer during treatment. It should be noted that not every data element or response category on the NC-TOPPS Interviews are displayed in this report.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

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 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 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 entered, 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 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. The total of 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 last assessment. For the Initial Assessments, the time periods can generally be construed to mean the time period before treatment begins. For the Update Assessments the time is measured from the time at which the interview occurs back one month, 3-months, or since the last assessment.

Definitions of terms

The Appendix at the end of the report gives definitions of acronymns, abbreviations, and other terms used in this report.

Notes:

Mental Health consumers who are also being treated for substance abuse (co-occuring) are included in this report.

NC TOPPS

Statewide Adult Mental Health Consumers
Initial Interview Matched to 3-Month Update Interview
Initials Conducted July 1, 2006 through June 30, 2007

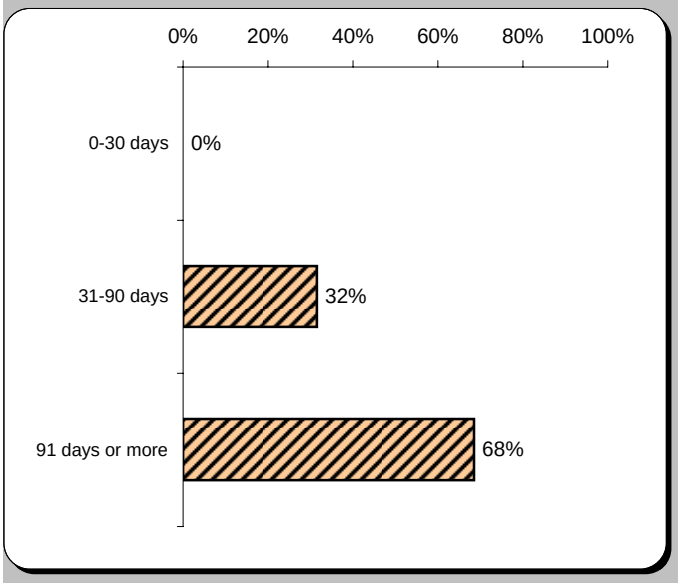
This table shows the number of matched consumers in this report by LME. This is the number of Initials conducted during the fiscal year 2006-2007 for whom there was a 3-month update completed interview conducted by December 31, 2007.

LME	Number
Alamance-Caswell-Rockingham	172
Albemarle	901
Catawba	115
CenterPoint	537
Crossroads	295
Cumberland	478
Durham	514
Eastpointe	435
Edgecombe-Nash	137
Five County	485
Foothills	235
Guilford	173
Johnston	688
Mecklenburg	528
Neuse	380
New River	122
Onslow-Carteret	168
Orange-Person-Chatham	217
Pathways	686
Piedmont	249
Pitt	8
Roanoke-Chowan	111
Sandhills	302
Smoky Mountain	118
Southeastern Center	887
Southeastern Regional	967
Tideland	83
Wake	237
Western Highlands	568
Wilson-Greene	108
Total	10,904

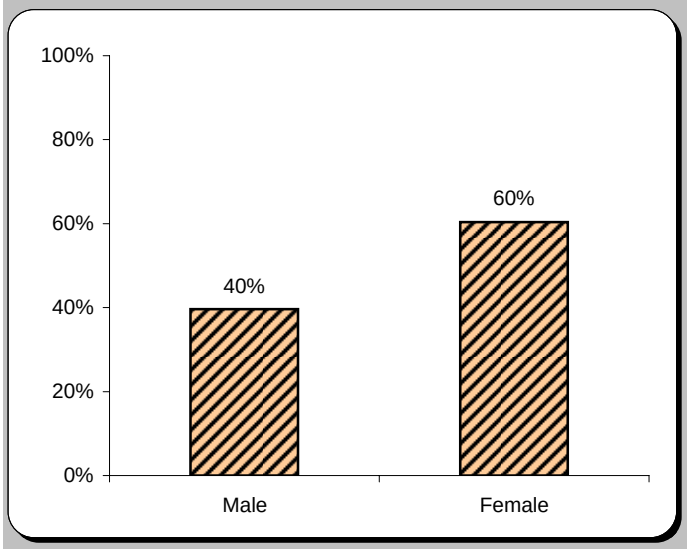
Part I

Part I of this report includes descriptive information about the Initial Interview Matched to 3-Month Update Interview consumers. This information on the types of consumers, time in treatment, types of services needed and being rendered helps in understanding the behavioral changes shown in Part II and Part III of this report.

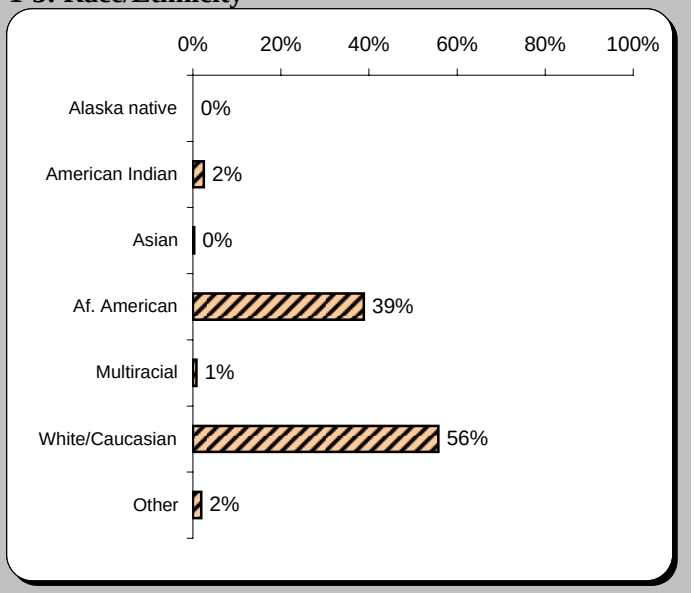
1-1: Days Between Initial and Update Interview



1-2: Gender



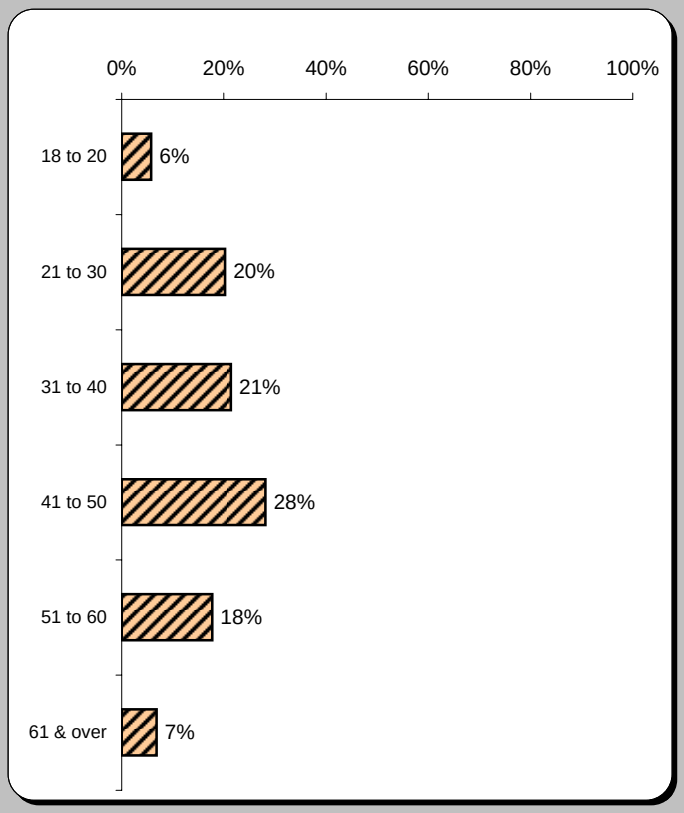
1-3: Race/Ethnicity



1-4: Hispanic

2% of Statewide consumers are Hispanic.

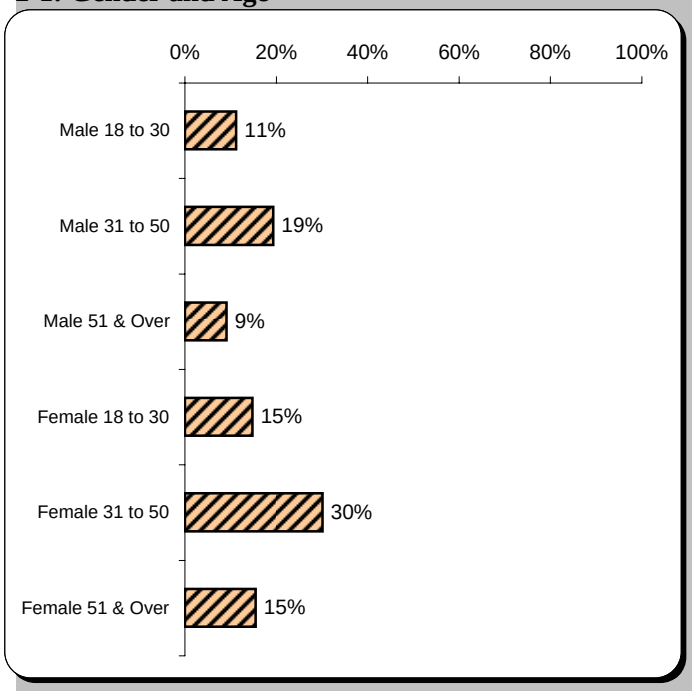
1-5: Age Group



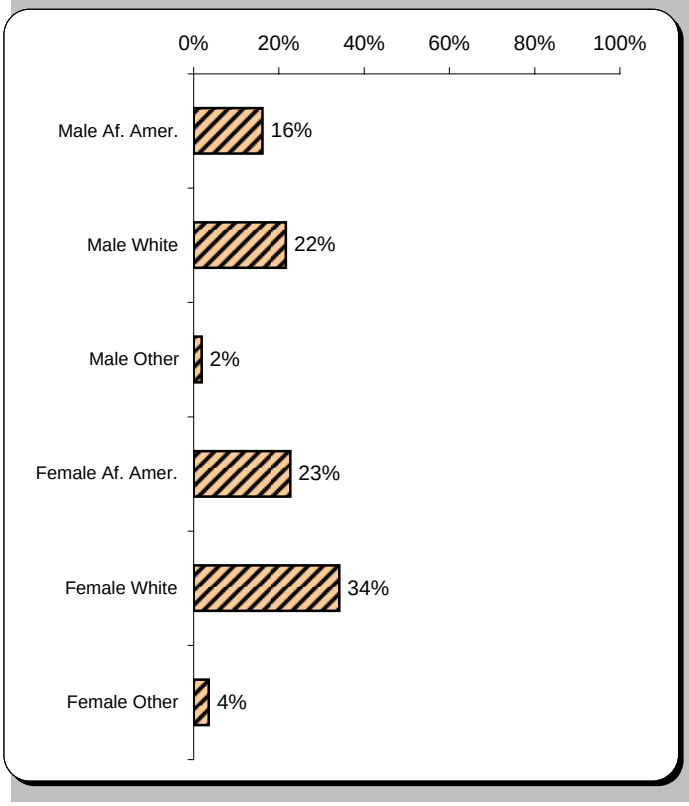
Number of matched Initial/Update Interviews: Statewide = 10,904

Statewide Adult Mental Health Consumers
Initial Interview Matched to 3-Month Update Interview
Initials Conducted July 1, 2006 through June 30, 2007

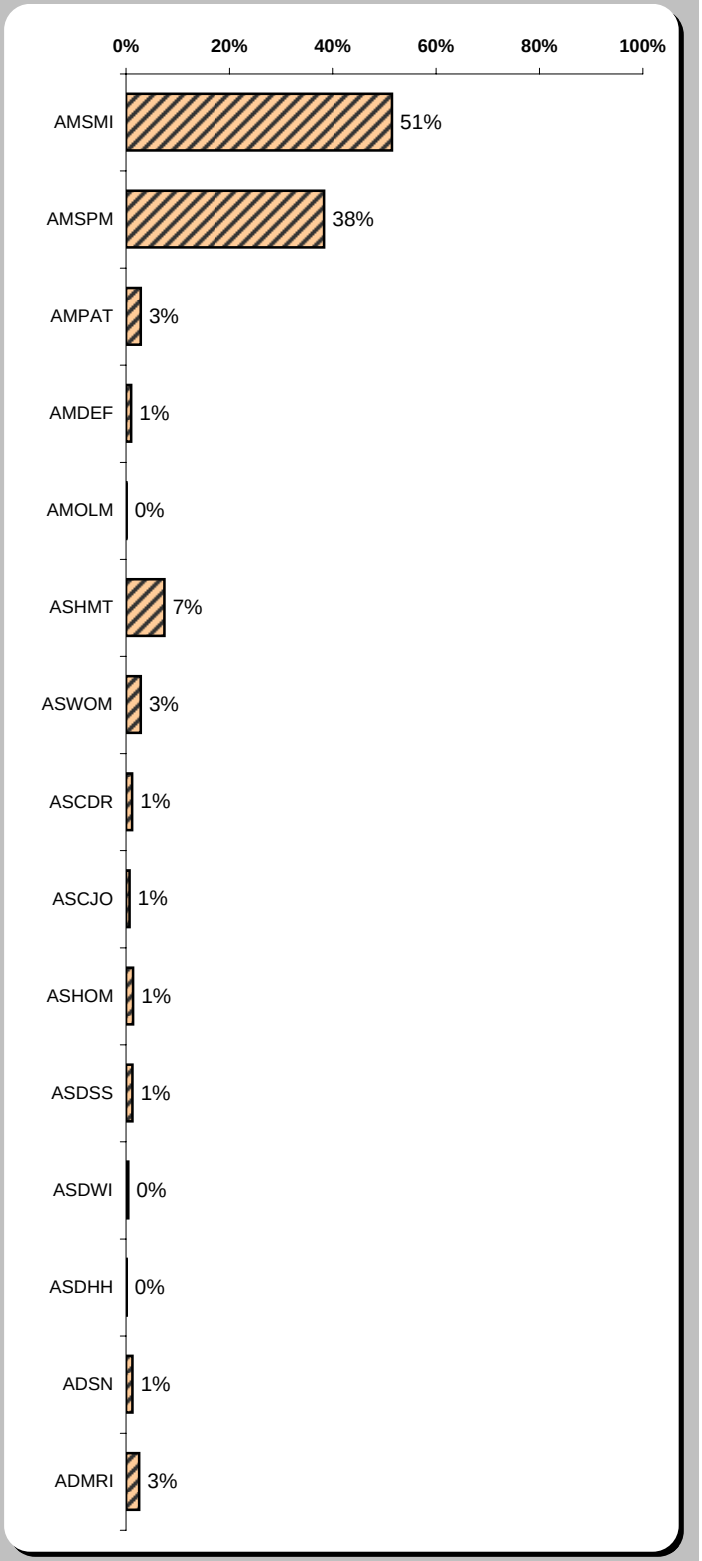
2-1: Gender and Age



2-2: Gender and Ethnicity



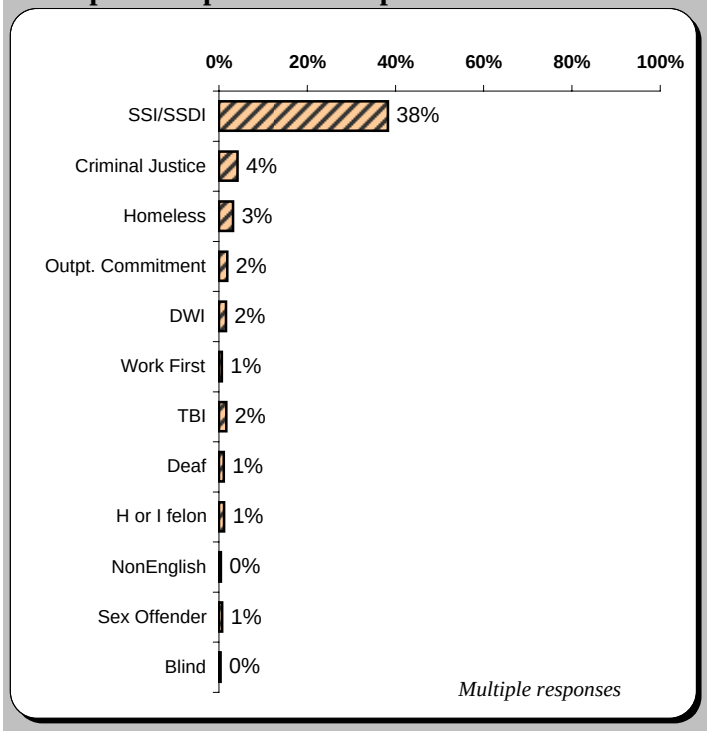
2-3: IPRS Target Populations at Update



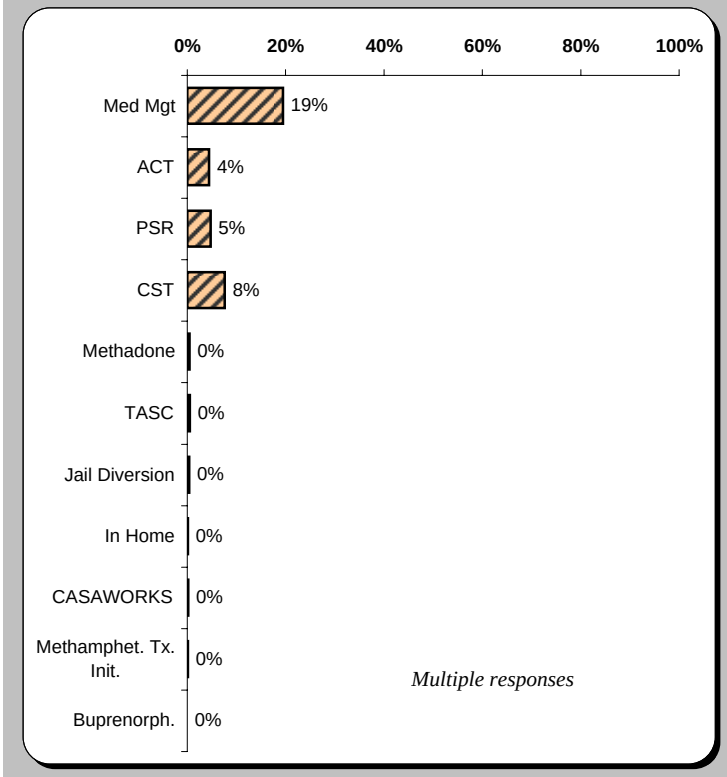
Note: See appendix for definitions of acronyms used on this page.

Number of matched Initial/Update Interviews: Statewide = 10,904

3-1: Special Populations at Update



3-2: Special Programs at Update

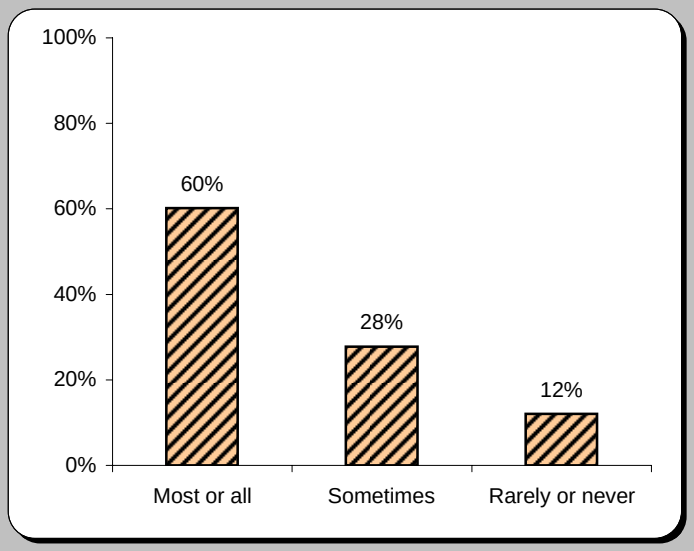


3-3: DSM-IV Diagnoses at Update

Diagnostic Category	
Major depression	43%
Bipolar disorder	20%
Schizophrenia	28%
Anxiety disorder	16%
PTSD	10%
Personality disorder	9%
Alcohol abuse	6%
Alcohol dependence	8%
Drug abuse	7%
Drug dependence	11%

Only most common diagnoses shown. Multiple response

3-4: Attendance at Scheduled Treatment Sessions, During Treatment Since Last Interview



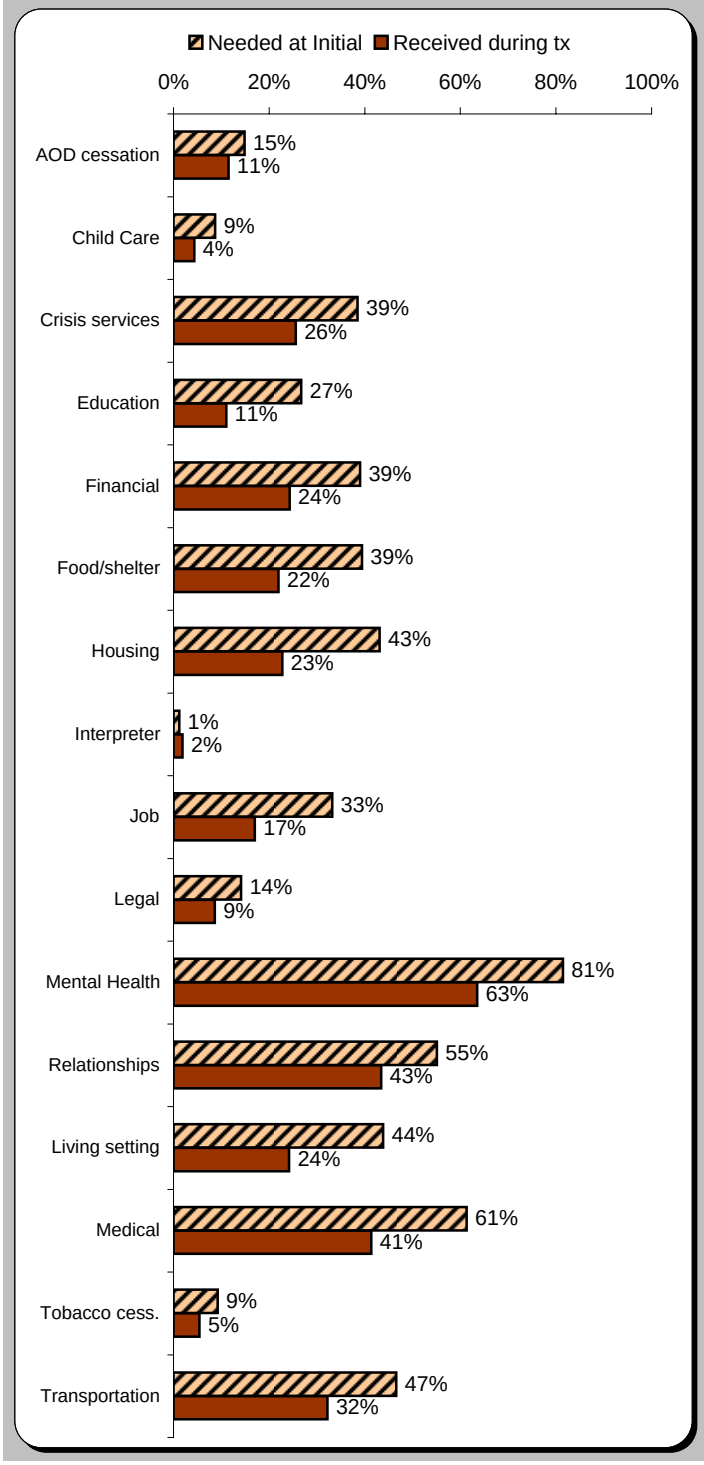
3-5: Family Involvement with Staff Concerning Treatment Services and/or Person-Centered Planning (PCP) During Past 3 Months of Treatment

Family Involvement with…	
Treatment Services and/or PCP	43%
Treatment Services	37%
Personal Care Plan	26%

Number of matched Initial/Update Interviews: Statewide = 10,904

4-1: Services Needed and Received

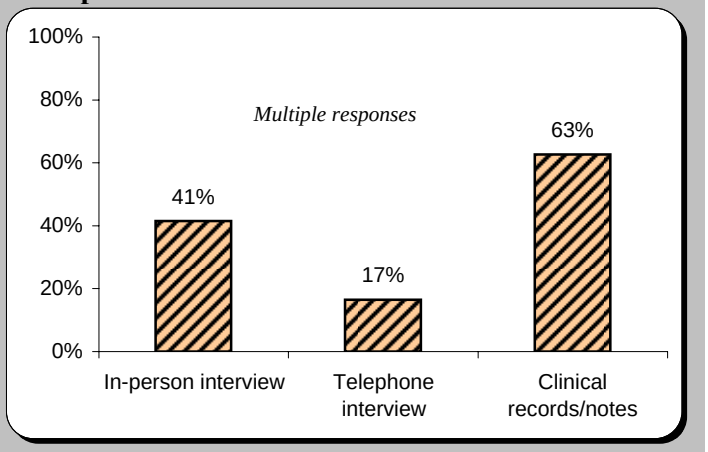
This chart compares information from the Initial Interview about whether a service area is very important to information from the Update Interview about whether the service was received during treatment.



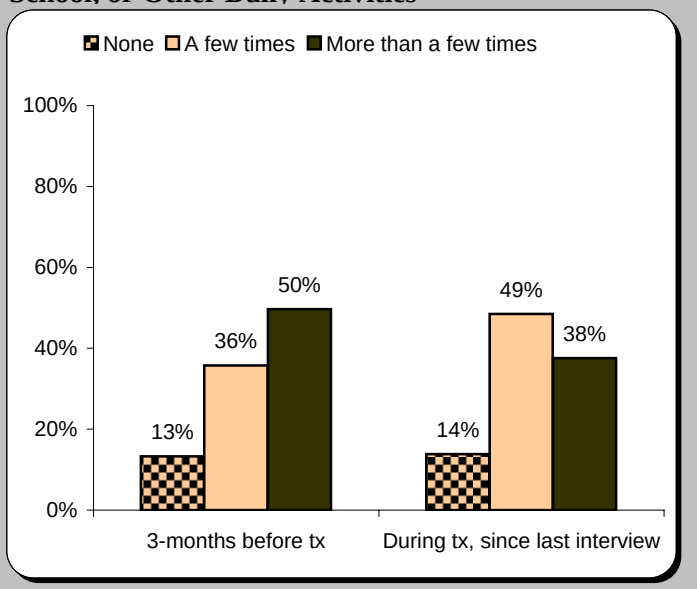
Part II

Charts and Graphs 4-2 thru 5-9 show consumers' employment, daily activities, living situtation, substance use, and arrests. 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. The following chart shows how it was completed for the current group of consumers:

4-2 Update Interview Data Collection Method

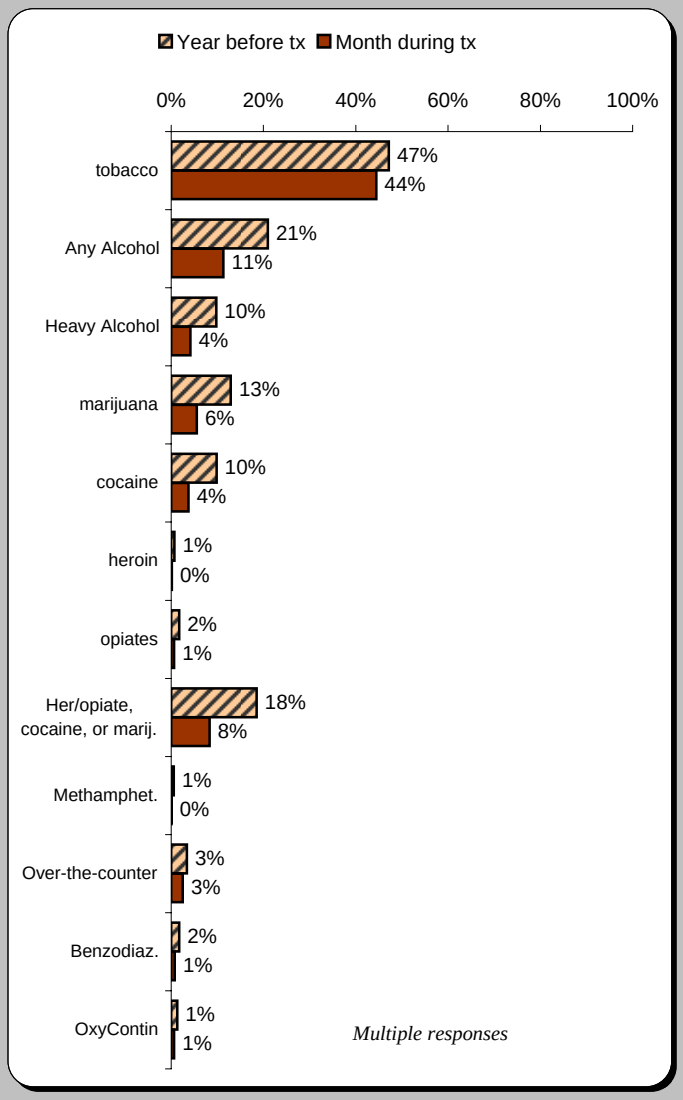


4-3: How Often Problems Interfere with Work, School, or Other Daily Activities



Number of matched Initial/Update Interviews: Statewide = 10,904

5-1: Substance Use



5-2: Cigarette Smoking

	Month before tx	Month during tx
Smoke cigarettes	45%	43%
Smoke a pack a day or more	21%	19%

5-3 Homeless Consumers

	3-Months before tx	During tx past 3 months
In Shelters	233	155
Not in Shelters	130	58
Total Homeless	363	213

5-4: Employment

	3-Months before tx	Month during tx
% In labor force	44%	43%
Of those in the labor force…		
Employed full-time	16%	19%
Employed part-time	22%	25%
Unemployed (seeking work)	61%	56%
Of those working…		
Supported employment	16%	16%
Transitional employment	6%	7%

5-5: Justice System Involvement

6% of Statewide consumers were under correctional supervision at the time of their Update Interview.

5-6: Arrests

	Month before tx	Month during tx
Any arrest	3%	2%
Misdemeanor arrest	3%	1%
Felony arrest	1%	0%

5-7: Children Under 18

31% of Statewide consumers have children under age 18.

5-8: Custody Issues During Treatment

	# Since Last Interview
Gained custody of child(ren)	58
Lost custody	97
Began seeking custody	47
Stopped seeking custody	20
Continued seeking custody	161
New baby removed from custody	9

5-9: DSS Investigations During Treatment

	# Since Last Interview
Consumer investigated by DSS for child abuse or neglect	209
Investigation was due to infant testing positive on drug screen	6

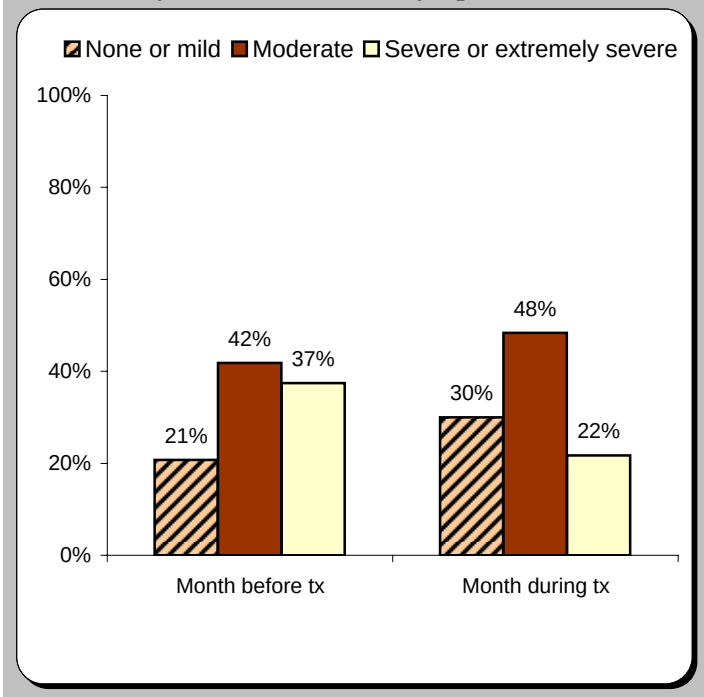
Number of matched Initial/Update Interviews: Statewide = 10,904

Part III

Charts and Graphs 6-1 thru 7-3 compare Initial Interview information with information from Section III of the Update Interview. Section III has questions that 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.

*** 5436 of the 10,904 (50%) of Statewide Update Interviews included a personal interview with the consumer.**

6-1: Severity of Mental Health Symptoms



6-2: Psychotropic Medications at Update

82% of Statewide consumers have a current prescription for psychotropic medications. Of those, 87% take their medication as prescribed all or most of the time.

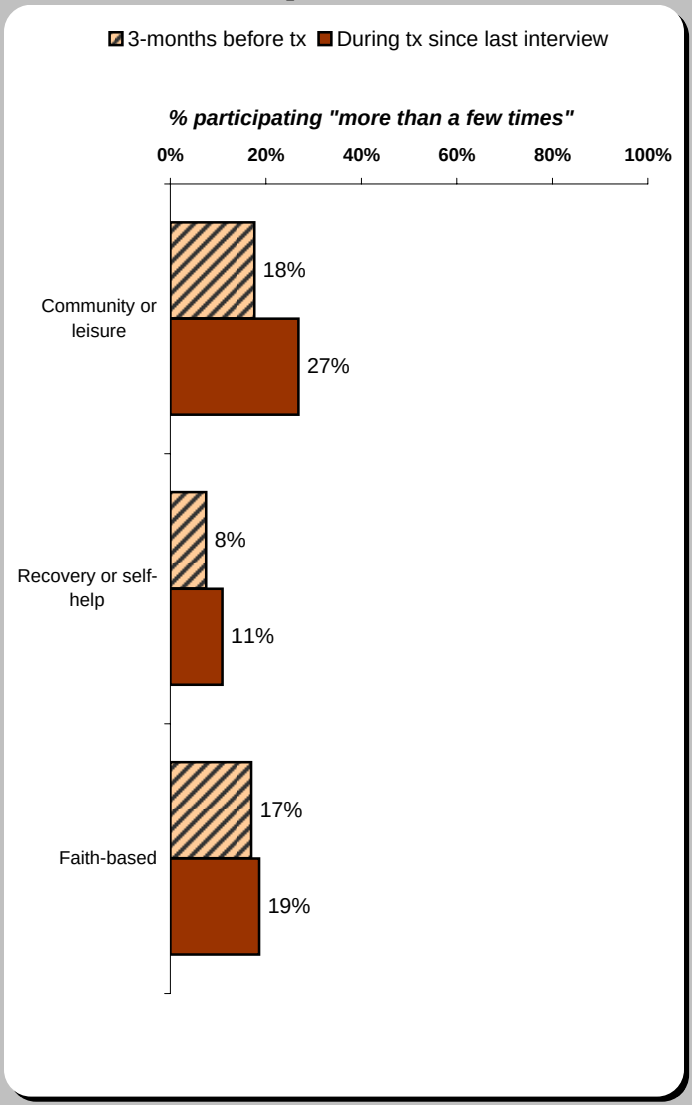
6-3: Experienced Violence

	3 Months before tx	During tx, since last interview
Physical violence	9%	6%
Sexual violence	1%	2%

6-4: Behavior Problems and Symptoms

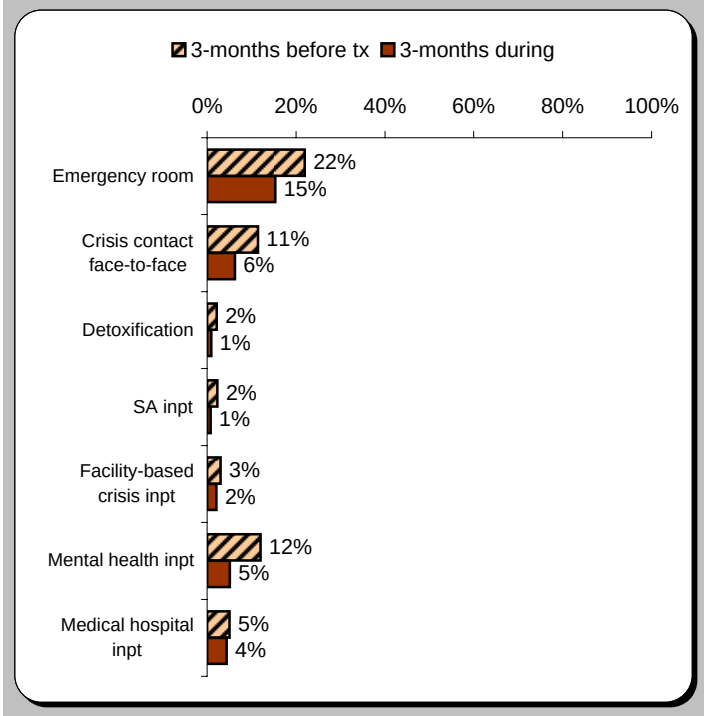
	3 Months before tx	During tx, since last interview
Suicidal thoughts	32%	21%
Tried to hurt or cause self pain	9%	6%
Risky Sexual activity	5%	6%
Hit/physically hurt another person	9%	7%

6-5: Consumer Participation in Positive Activities

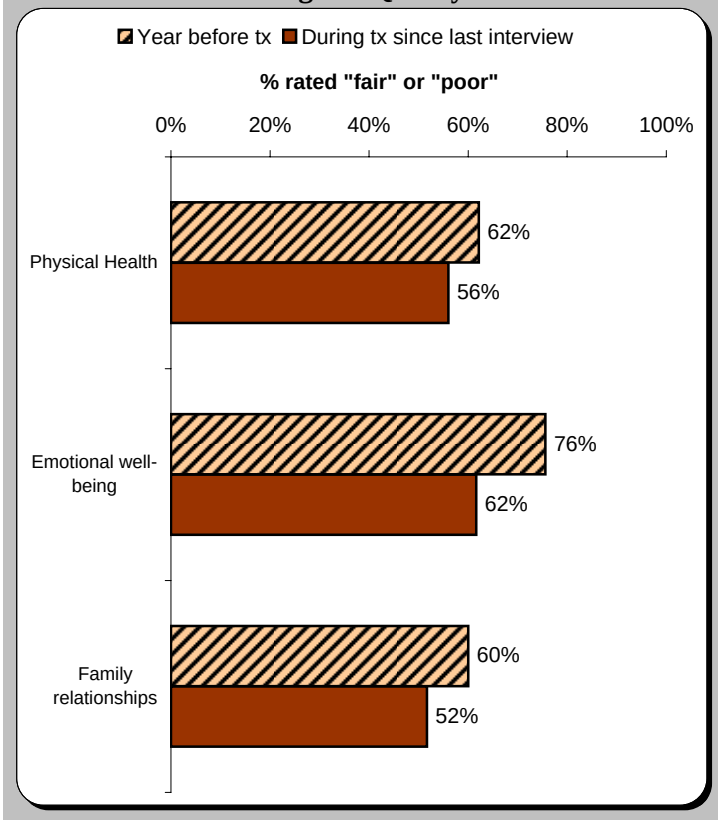


Statewide Adult Mental Health Consumers
Initial Interview Matched to 3-Month Update Interview
Initials Conducted July 1, 2006 through June 30, 2007

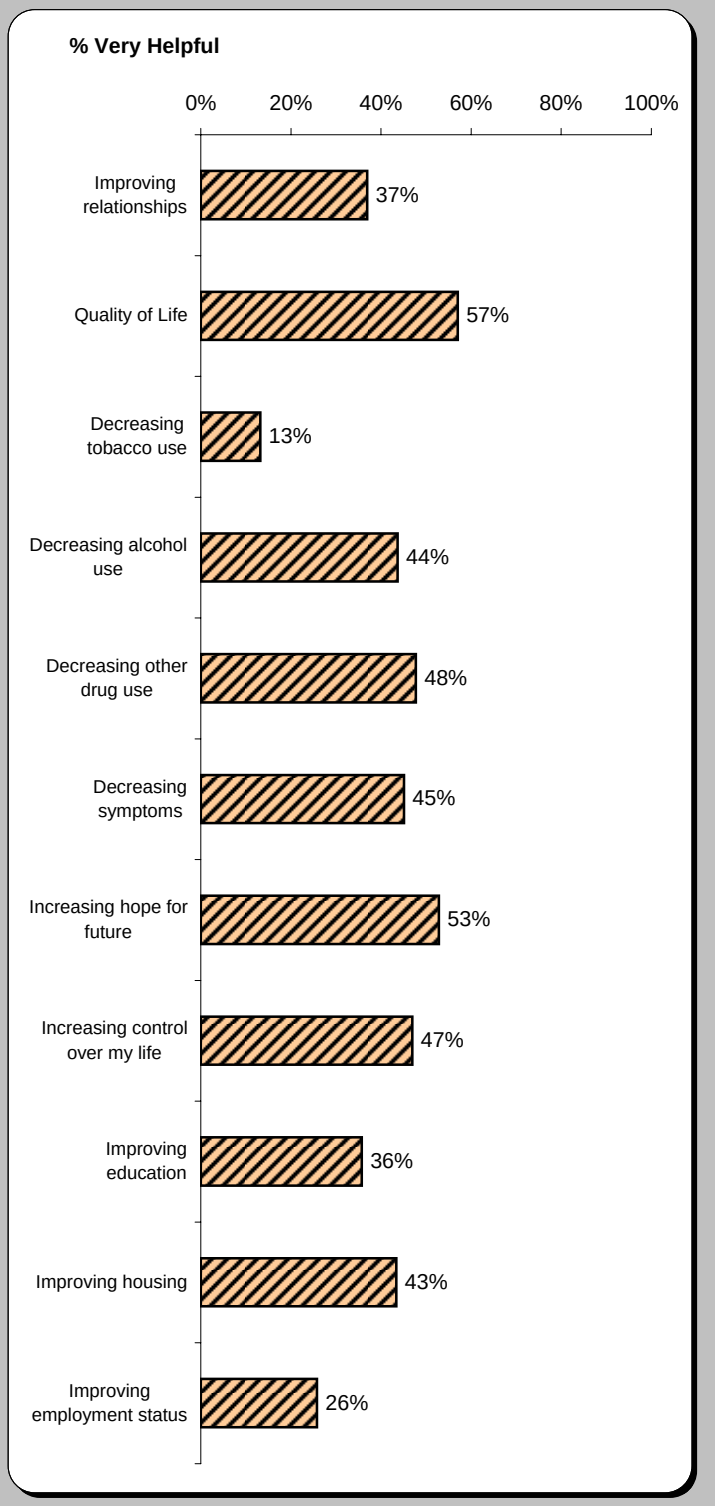
7-1: Health Care Received



7-2: Consumer Ratings on Quality of Life



7-3: Helpfulness of Program Services (of those for whom the service is applicable)



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

Number of matched Initial/Update Section III Interviews: Statewide = 5,436

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

Acronym or Term	Definition
ACT	Assertive Community Treatment
ADMRI	Target population: Adult with both mental retardation and mental illness
ADSN	Target population: Adult with Developmental Disability
Af American	African American
AMOLM	Target population: Adult consumer receiving Olmstead services
AMPAT	Target population: Adult MH consumer who is homeless (PATH program).
AMSMI	Target population: Adult with serious mental illness
AMSPM	Target population: Adult with serious and persistent mental illness
AOD	Alcohol or other drugs
ASCDR	Target population: Adult SA injection drug user at risk for communicable disease
ASCJO	Target population: Adult SA who is a criminal justice offender
ASDHH	Target population: Adult SA consumer who is deaf or hard of hearing
ASDSS	Target population: Adult SA consumer who is involved with DSS
ASDWI	Target population: Adult SA consumer who is receiving DWI offender treatment
ASHMT	Target population: Adult with a chronic substance abuse disorder
ASHOM	Target population: Adult SA consumer who is homeless
ASWOM	Target population: Adult SA consumer who is pregnant or has dependent children
Assessmt	Assessment
Benzodiaz.	Benzopdiazepine(s)
Buprenorph.	Buprenorphine
CASAWORKS	Residential program initiative designed to help substance abusing women
Cauc.	Caucasian
Crim. Justice or CJ	Criminal Justice
CST	Community support team
Detox	Detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
HS	High School
Inpt.	Inpatient
Marij.	Marijuana
Med. Mgmt.	Psychiatric medication management services
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Init.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse or Substance Abuser
SSI/SSDI	Supplemental Security Income or Social Secuity Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury
Tx	Treatment
Work First	DSS program for temporary assistance to needy families

Note; Refer to web page for more complete definitions of target populations:
http://www.dhhs.state.nc.us/mhdd/sas