

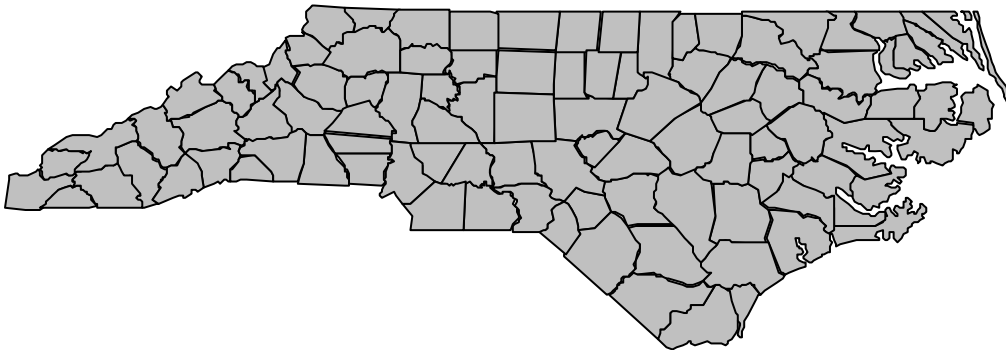
North Carolina Department of Health and Human Services
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

NC-TOPPS

North Carolina Treatment Outcomes and Program Performance System

**Adolescent (12-17) Mental Health Consumers
Initial Interviews Matched to 3-Month Update Interviews
Statewide**

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

February 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 the 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 in the system have a particular item or question left blank. In calculating the 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 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 acronyms, abbreviations, and other terms used in this report.
- Notes:** Mental Health consumers who are also being treated for substance abuse (co-occurring) are included in this report.



Statewide Adolescent Mental Health Consumers
Initial Interviews Matched to 3-Month Update Interviews
Initial Interviews Conducted July 1, 2007 through June 30, 2008

Initial Interviews 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 who also had a 3-month Update Interview done through December 31, 2008

Percent Matched column: The percent of Initial Interviews that also had an 3-Month Update Interview.

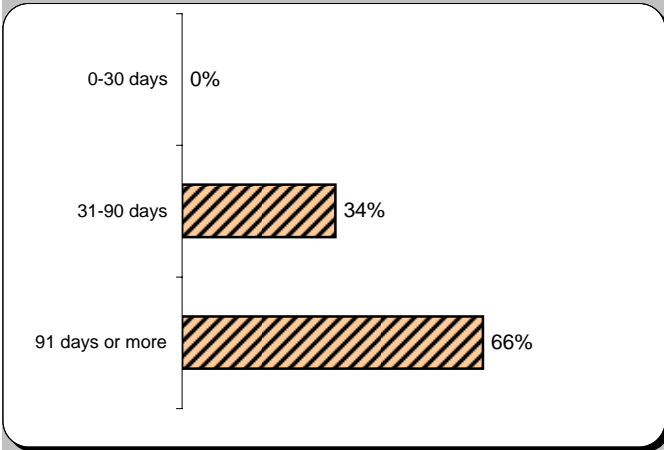
LME	Initial Interviews	Updates Matched	Percent Matched
Alamance-Caswell-Rockingham	251	122	48.6%
Albemarle	484	228	47.1%
Beacon Center	600	346	57.7%
CenterPoint	813	433	53.3%
Crossroads	320	135	42.2%
Cumberland	424	188	44.3%
Durham	806	410	50.9%
East Carolina	1528	865	56.6%
Eastpointe	627	356	56.8%
Five County	425	188	44.2%
Guilford	561	252	44.9%
Johnston	171	49	28.7%
Mecklenburg	1107	526	47.5%
Mental Health Partners	248	114	46.0%
Onslow-Carteret	241	122	50.6%
Orange-Person-Chatham	185	87	47.0%
Pathways	717	378	52.7%
PBH	428	200	46.7%
Sandhills	713	264	37.0%
Smoky Mountain	340	150	44.1%
Southeastern Center	441	315	71.4%
Southeastern Regional	1073	589	54.9%
Wake	886	370	41.8%
Western Highlands	601	205	34.1%
Total	13,990	6,892	49.3%

- Notes**
- *Several LMEs that were doing business in 07-08 have merged with others. Consumers associated with these discontinued LMEs are excluded from this report.
 - *Only one admission per consumer is included in this report. Different numbers of Initial Interviews may be shown for 07-08 in other reports.

Part I

This report is based on the 6,892 consumers who had both an Initial and a 3-month Update Interview. The following section describes characteristics of these consumers and their treatment

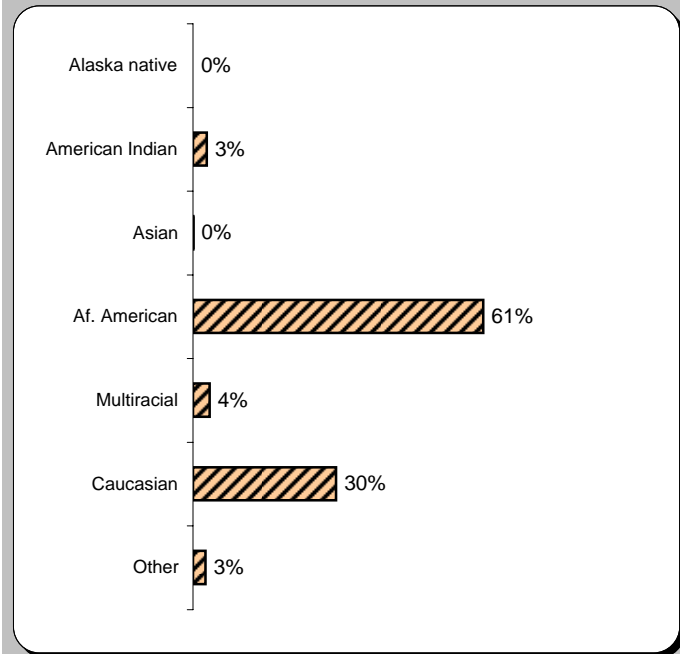
1-1: Days Between Initial and Update Interview



1-2: Gender

Among Statewide consumers, 60% are male, and 40% are female.

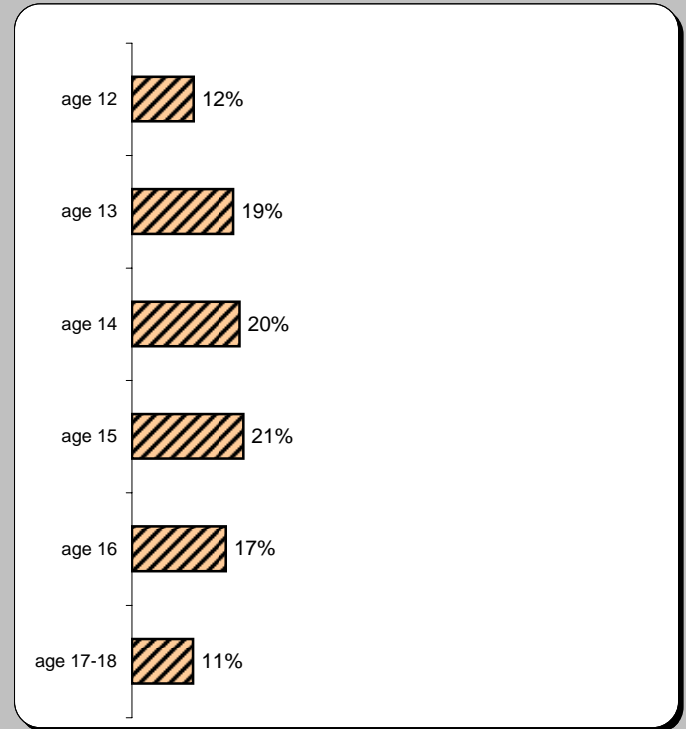
1-3: Race/Ethnicity



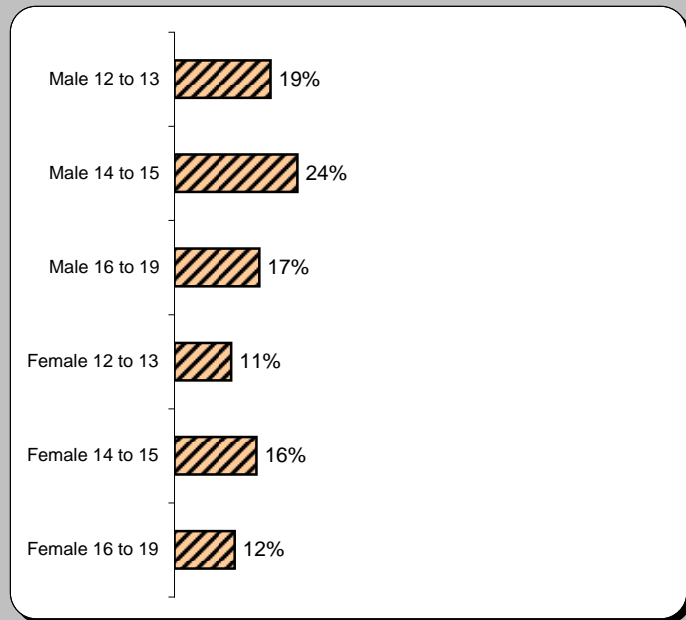
1-4: Hispanic

4% of Statewide consumers are Hispanic.

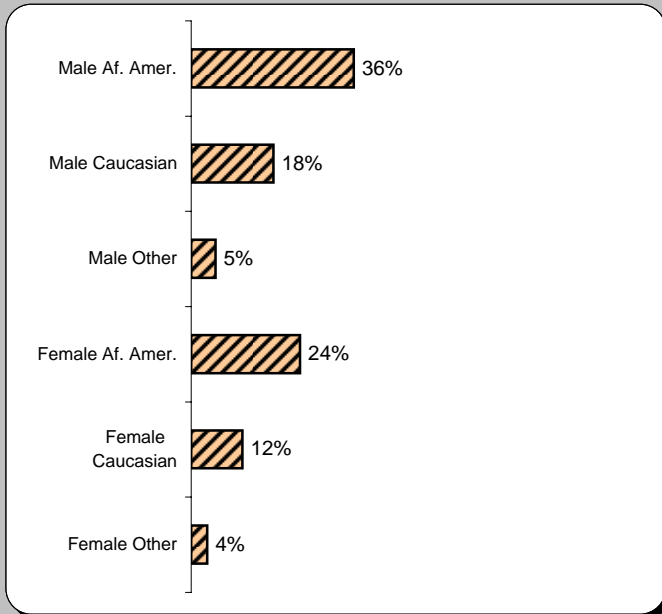
1-5: Age Group



1-6: Gender and Age



2-1: Gender and Ethnicity



2-2: Co-Occurring Status at Update

Services/Supports Area	%
Mental health only	94%
Mental health and substance abuse (co-occurring)	6%

2-3: Co-Occurring Consumers: Type of Treatment Professionals Providing Services/Supports

Type of Qualified Professional (QP)	Number
QP in mental health	134
QP in substance abuse	34
QP in both	235
Total Co-occurring consumers	403

2-4: Family Involvement with Treatment Services and Person-Centered Planning the Past 3 Months of Treatment

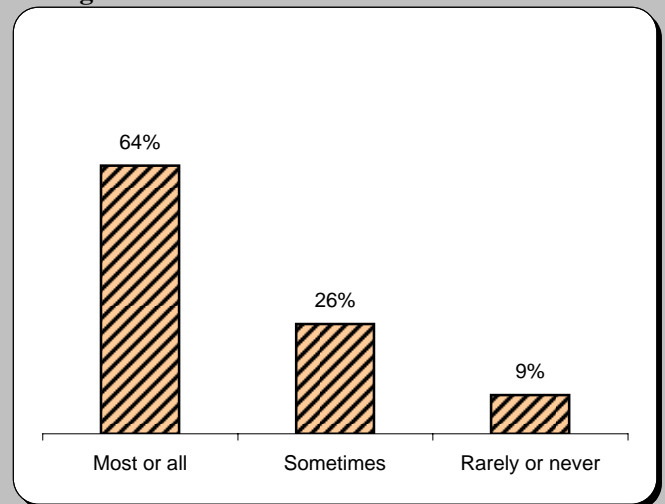
Family Involvement with...	%
Services and/or planning	97%
Treatment Services	88%
Person-centered planning	86%

2-5: DSM-IV Diagnoses at Update

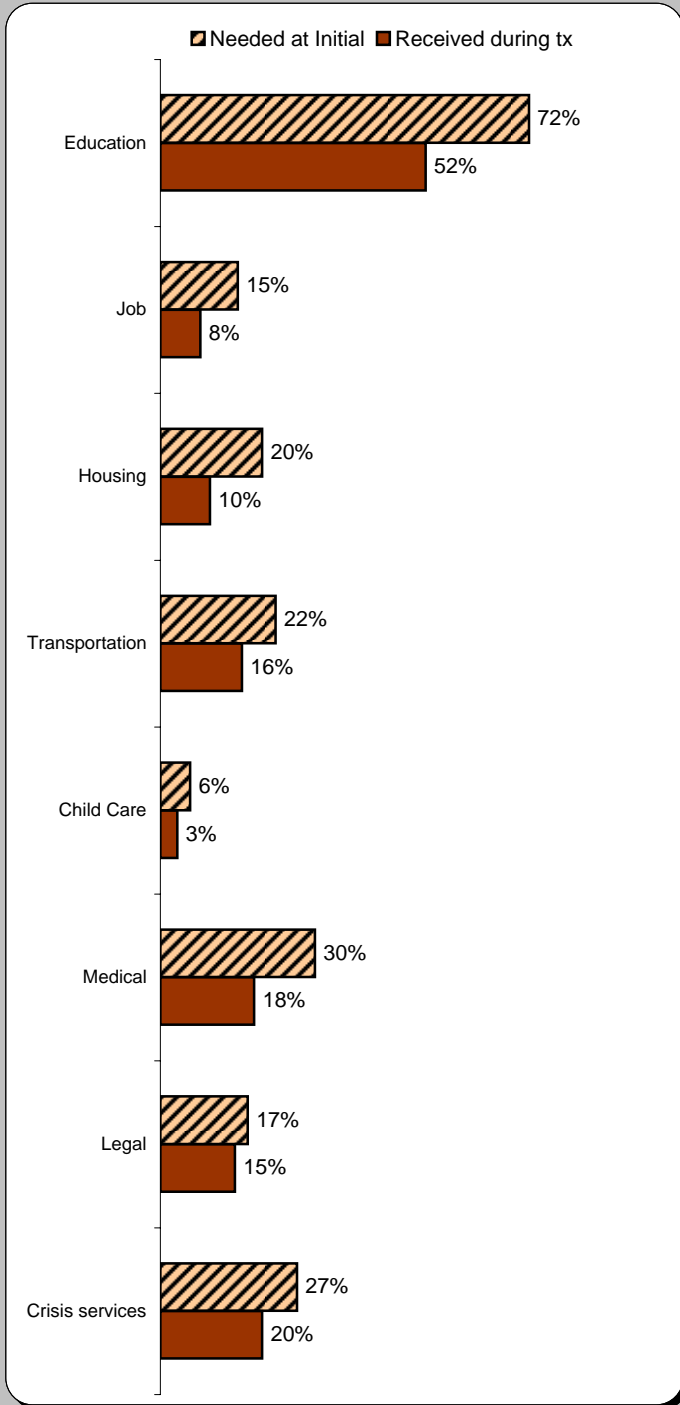
Diagnostic Category	%
ADD	40%
Oppositional defiant disorder	42%
Major depression	15%
Conduct disorder	14%
Disruptive behavior	11%
Bipolar disorder	8%
PTSD	7%
Anxiety disorder	5%
Drug abuse	7%

Only most common diagnoses shown. Multiple response.

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



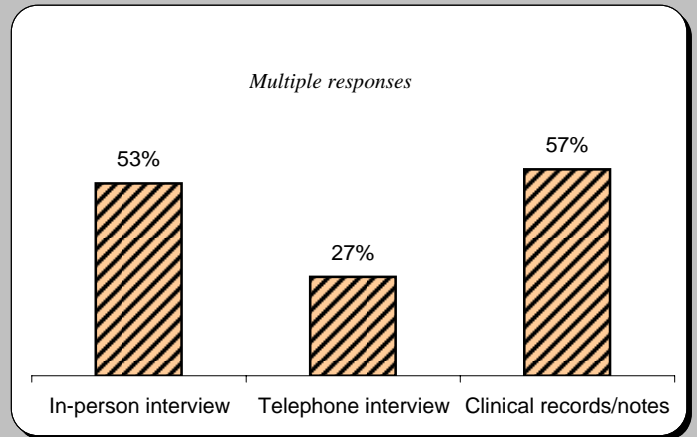
3-1: Services Deemed "Very Important" At Intake and Received During Treatment



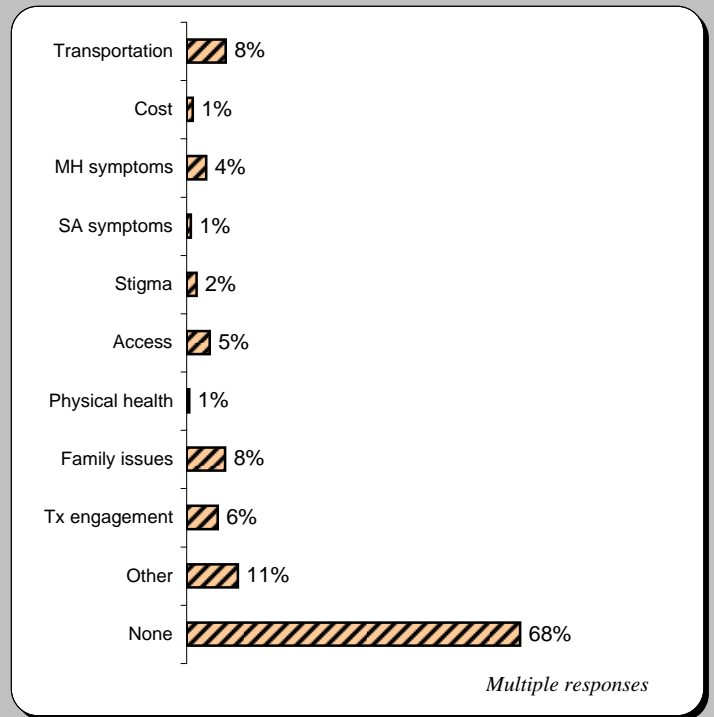
Part II

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, clinical records, and/or notes are also used.

3-2 Update Interview Data Collection Method



3-3 Barriers to Treatment



4-1: Enrollment in Academic Program

Enrolled in....	Initial Interview	Update Interview
Any academic program	93%	93%
Academic School (K-12)	83%	81%
Alternative Learning Program(ALP)	10%	11%
Technical or Vocational School	0%	0%
GED	1%	2%

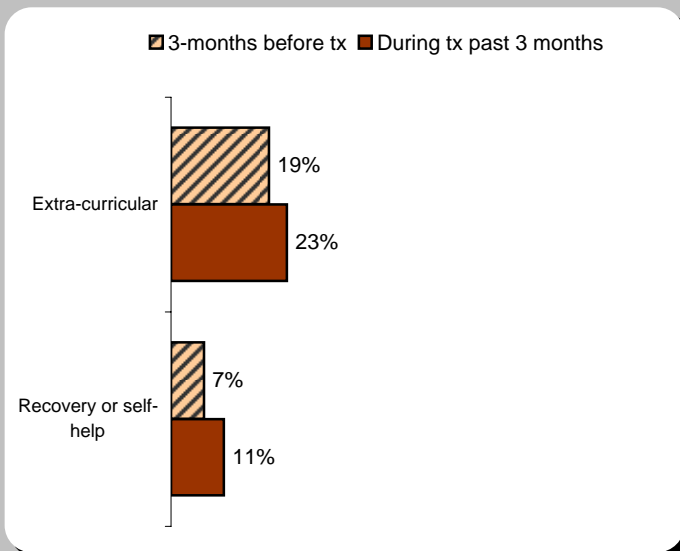
4-2: Students in K-12 who Received Mostly A's, B's, and C's at Most Recent Grading Period

Of those in K-12	Initial Interview	Update Interview
Received mostly A's, B's, and C's	68%	75%

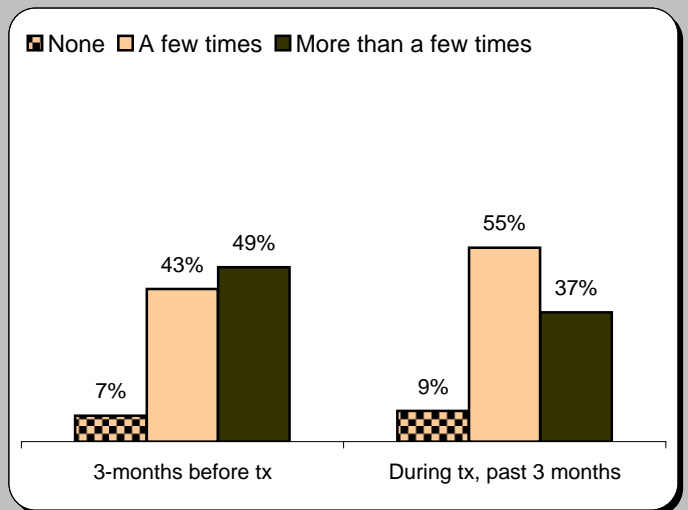
4-3: School Expulsion, Suspension and Truancy

Those enrolled in K-12 who missed school due to	3-months before tx	during tx past 3 months
Expulsion	5%	3%
Suspension	33%	23%
Truancy	11%	8%

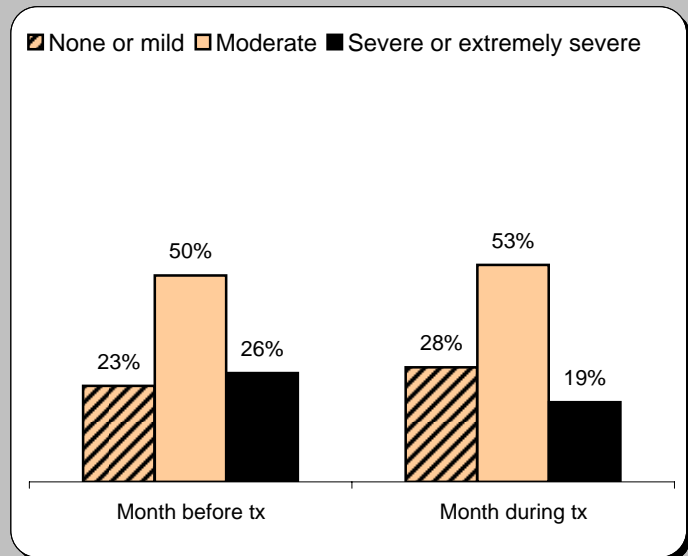
4-4: Consumer Participation in Positive Activities
 (% participating "more than a few times")



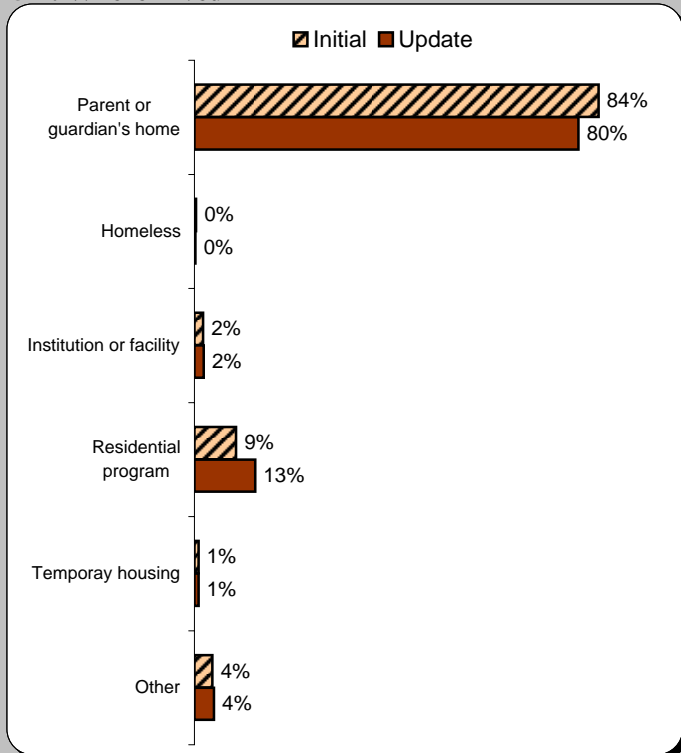
4-5: How Often Problems Interfere with Work, School, or Other Daily Activities



4-6: Severity of Mental Health Symptoms



5-1: Where Lived



5-2: Number Living in Special Circumstances

Where lived most of time	3 Months before Tx	During tx past 3 mos
Homeless sheltered	19	9
Homeless unsheltered	6	3
Therapeutic foster home	171	208
Level III Group Home	303	537
Level IV Group Home	22	38
State residential treatment center	30	32
SA residential treatment facility	7	12
Total living in special circumstances	654	920
--Of the total, number in home community	265	336

5-3: Times Moved Residences During Treatment, Past 3 Months

None	82%
Once	15%
More than once	4%

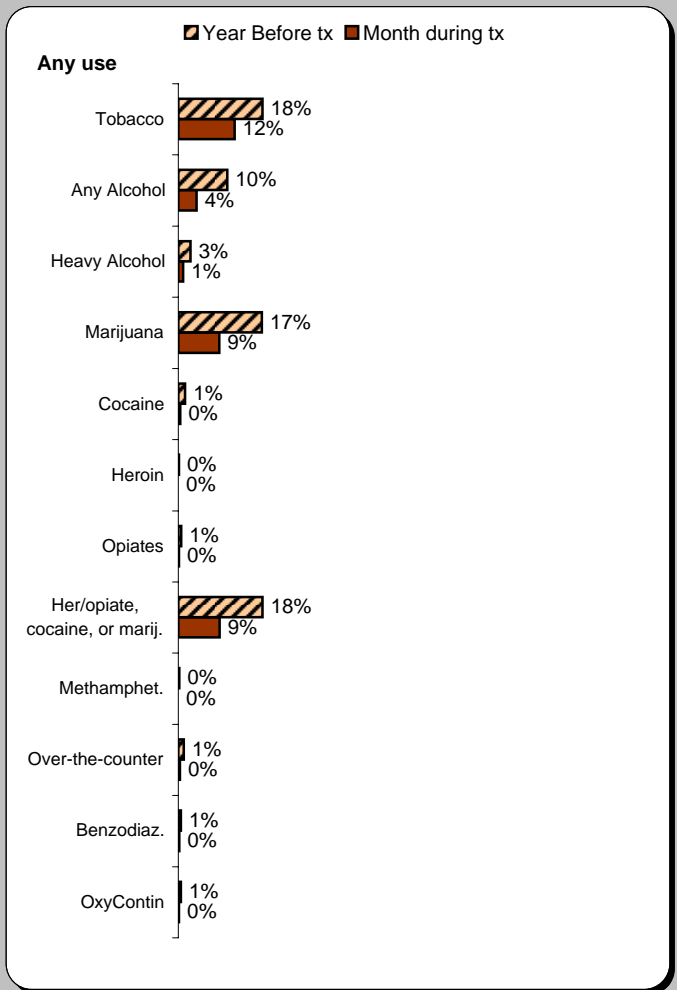
5-Legal Involvement & Arrests

	Month before tx	Past Month
Criminal justice involvement	19%	19%
Got in trouble with the law	13%	10%
Arrested past month	5%	4%

5-5: Psychotropic Medication at Update

43% of Statewide consumers have a current prescription for psychotropic medications. Of those, 79% take their medication as prescribed all or most of the time.

5-6: Substance Use, Year Before Treatment & Past Month



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.

*** 4214 of the 6,892 (61%) of Statewide Update Interviews included a personal interview with the consumer.**

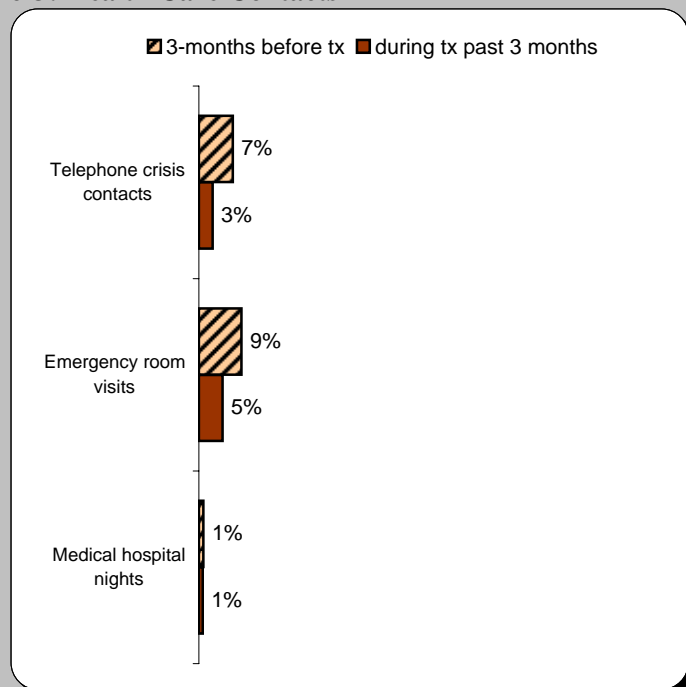
6-1: Behavior Problems and Symptoms

	3 Months before tx	During tx, 3 Months since last before tx interview
Suicidal thoughts	17%	10%
Tried to hurt or cause self pain	11%	6%

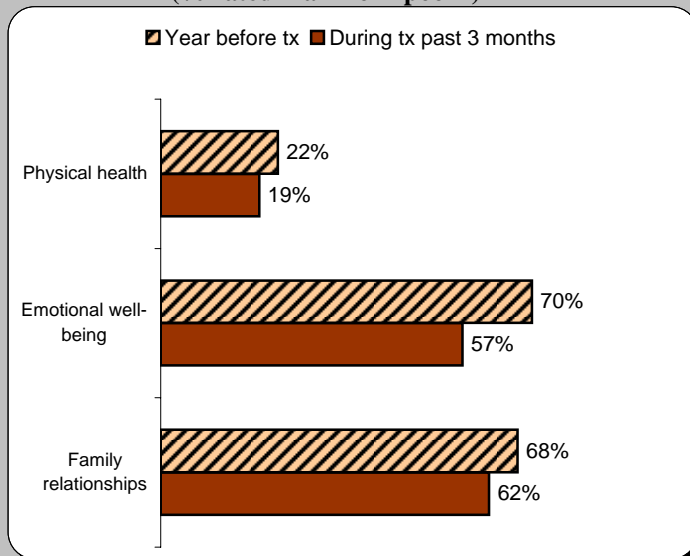
6-2: Experienced Violence or Expressed Violence Against Others

	3 Months before tx	During tx, past 3 months
Physical violence experienced	29%	22%
Sexual violence experienced	1%	1%
Hit/physically hurt another person	45%	32%

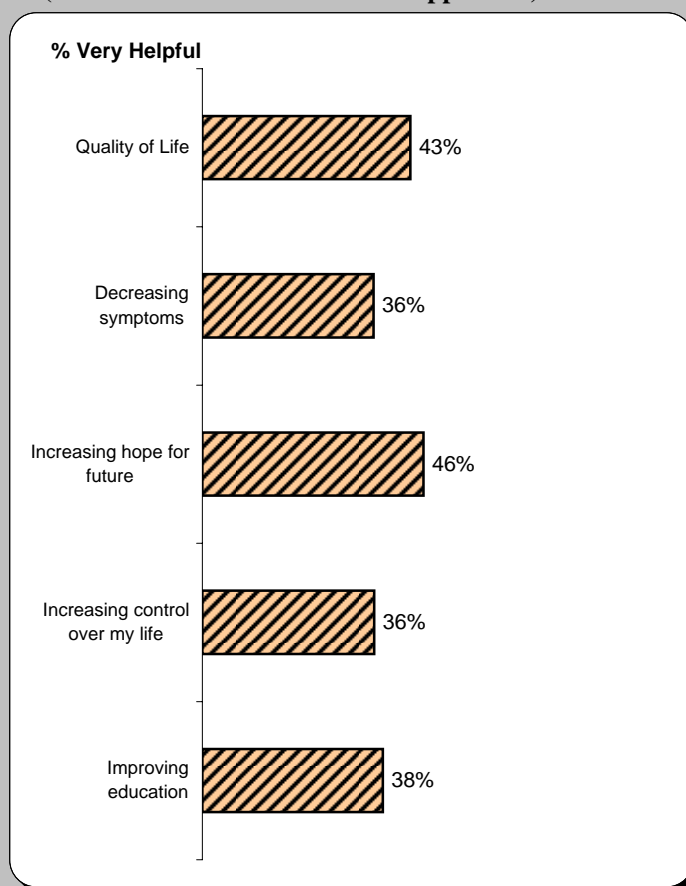
6-3: Health Care Contacts



6-4: Consumer Ratings on Quality of Life (% rated "fair" or "poor")



6-5: Helpfulness of Program Services (of those for whom the service is applicable)





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

<u>Acronym or Term</u>	<u>Definition</u>
ADD	Attention Deficit Disorder
Af. Amer	African American
Benzodiaz.	Benzodiazepine(s)
GED	General Education Diploma (High School Equivalency)
Her	Heroin
Marij.	Marijuana
MH	Mental Health
PTSD	Post-traumatic Stress disorder
QP	Qualified Professional
SA	Substance Abuse or Substance Abuser
Tx	Treatment