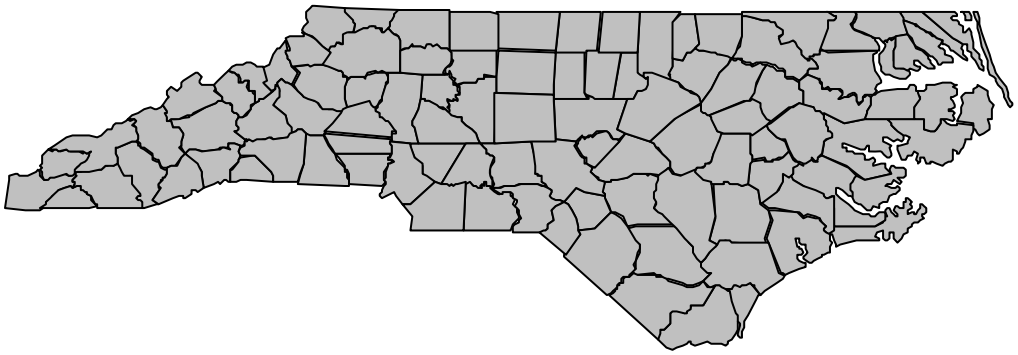
North Carolina Department of Health and Human Services
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

NC-TOPPS

North Carolina Treatment Outcomes and Program Performance System

Adolescent (12-17) Substance Abuse Consumers
Initial Interviews Matched to 3-Month Update or Completed Treatment Interviews
Statewide

Note: Include Initial Interviews conducted: July 1, 2008 to June 30, 2009 and matched to Update Interviews through December 2009.



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 2010

Quality
NC DMH/DD/SAS

NC TOPPS

Statewide Adolescent Substance Abuse Consumers
Initial Interviews Matched to 3-Month Update or Completed Treatment Interviews
Initial Interviews Conducted July 1, 2008 to June 30, 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 sections 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	For many of the NC-TOPPS forms entered, a particular item or question may have been 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 acronymns, abbreviations, and other terms used in this report.
Notes:	Substance abuse consumers who are also being treated for mental health (co-occuring) are included in this report.

Statewide Adolescent Substance Abuse Consumers
Initial Interviews Matched to 3-Month Update or Completed Treatment Interviews
Initial Interviews Conducted July 1, 2008 to June 30, 2009

Initial Interviews column Shows the number of unduplicated Initial Interviews conducted July 1, 2008 to June 30, 2009.

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, 2009.

Percent Matched column The percent of Initial Interviews that had an Update (either 3-Month or Completed Treatment) Interview.

LME	Initial Interviews	Updates Matched	Percent Matched
Alamance-Caswell	38	22	57.9%
Albemarle	27	14	51.9%
Beacon Center	47	21	44.7%
CenterPoint	179	130	72.6%
Crossroads	78	45	57.7%
Cumberland	84	50	59.5%
Durham	72	43	59.7%
East Carolina	119	67	56.3%
Eastpointe	53	26	49.1%
Five County	70	45	64.3%
Guilford	126	57	45.2%
Johnston	28	12	42.9%
Mecklenburg	202	55	27.2%
Mental Health Partners	59	44	74.6%
Onslow-Carteret	30	15	50.0%
Orange-Person-Chatham	21	10	47.6%
Pathways	92	62	67.4%
PBH	170	91	53.5%
Sandhills	146	86	58.9%
Smoky Mountain	45	23	51.1%
Southeastern Center	75	47	62.7%
Southeastern Regional	53	28	52.8%
Wake	99	48	48.5%
Western Highlands	83	37	44.6%
Total	1,996	1,078	54.0%

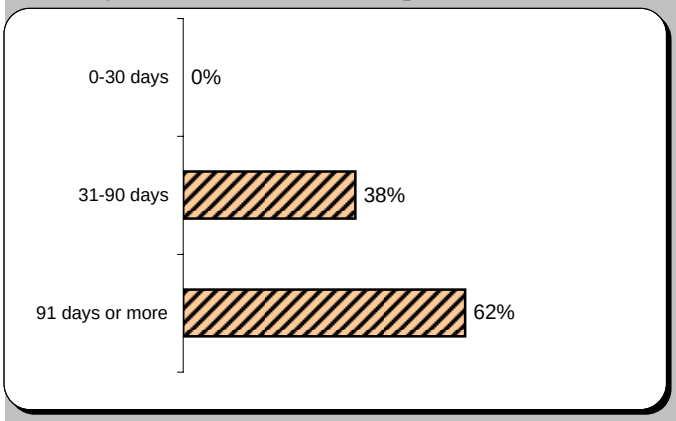
Notes

*Only one admission per consumer is included in this report. Different numbers of Initial Interviews may be shown for 08-09 in other reports.

Part I

Among Statewide consumers, 1,078 had an Initial and a 3-Month Update Interview (or completed treatment interview) completed by the end of December 2009. The following section describes characteristics of these consumers and their treatment.

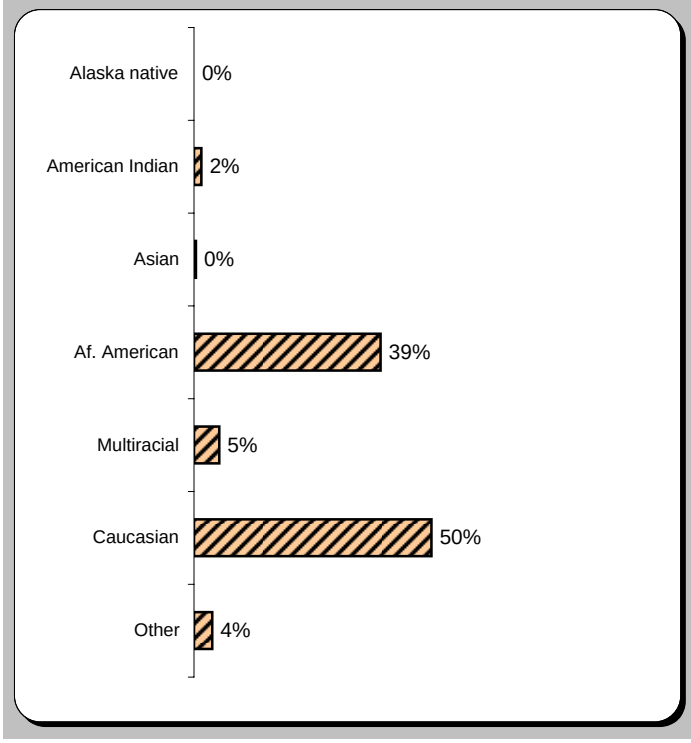
1-1: Days Between Initial and Update Interview



1-2: Gender

Among Statewide consumers, 73% are male, and 27% are female.

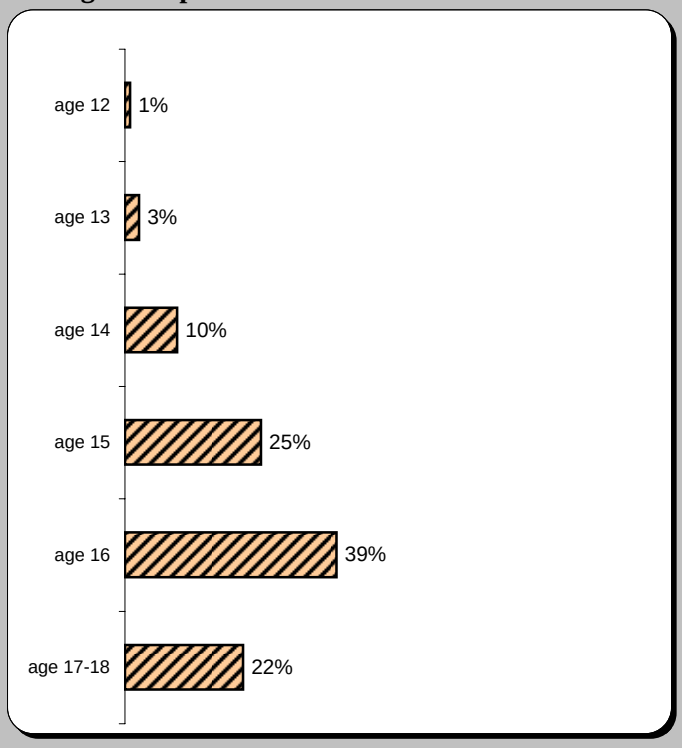
1-3: Race/Ethnicity



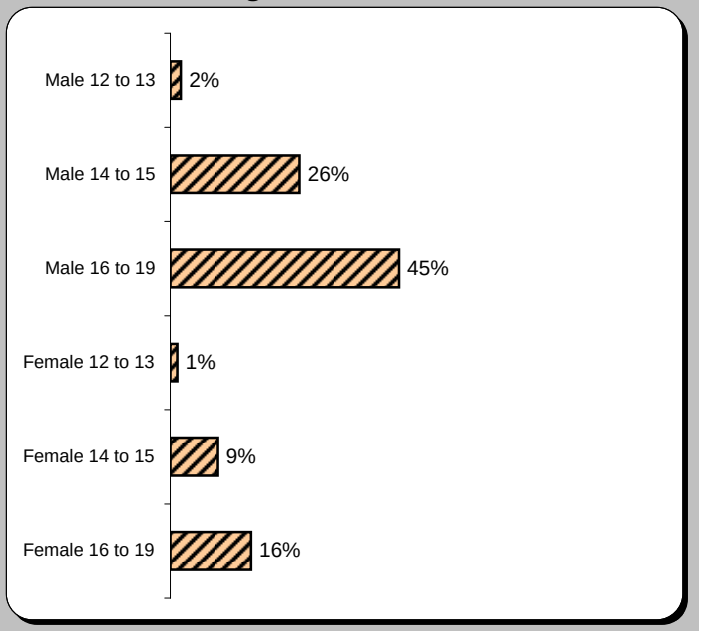
1-4: Hispanic

6% of Statewide consumers are Hispanic.

1-5: Age Group

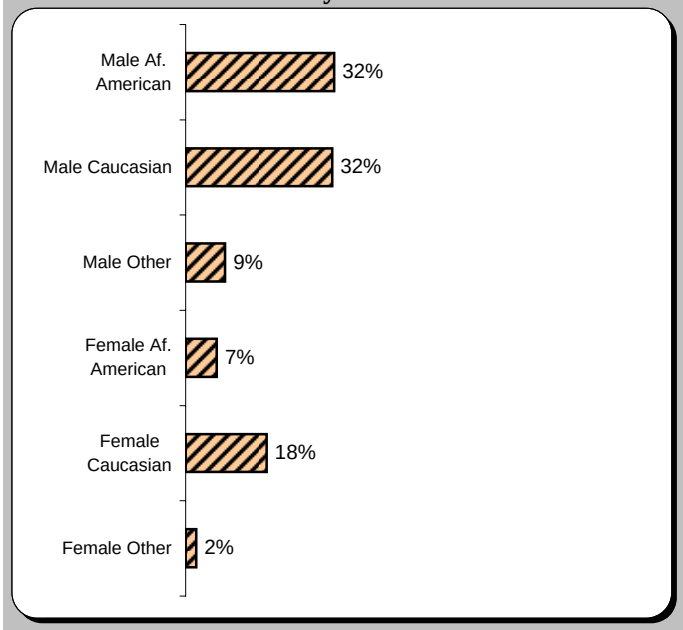


1-6: Gender and Age



Number of matched Initial to Update Interviews: Statewide = 1,078

2-1: Gender and Ethnicity



2-2: Co-Occurring Status at Update

Services/Supports Area	%
Substance abuse only	45%
Substance abuse and mental health (co-occurring)	55%

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

Type of Qualified Professional	Number
QP in substance abuse	34
QP in mental health	229
QP in both	324
Total Co-occurring consumers	587

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

Family Involvement with…	
Services and/or planning	90%
Treatment Services	81%
Person-centered planning	71%

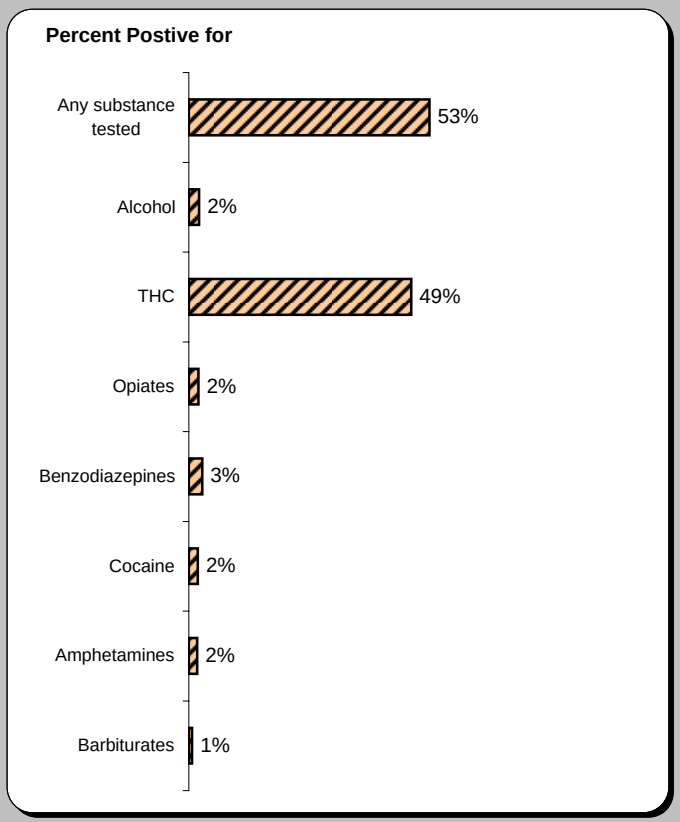
2-5: DSM-IV Diagnoses at Update

Diagnostic Category	%
Drug dependence	23%
Alcohol dependence	3%
Drug abuse	65%
Alcohol abuse	20%
Oppositional defiant disorder	26%
Conduct disorder	17%
Attention deficit disorder (ADD)	16%
Bipolar disorder	5%
Depression	11%
Disruptive behavior	8%
Post-traumatic stress disorder (PTSD)	4%

Only most common diagnoses shown. Multiple response.

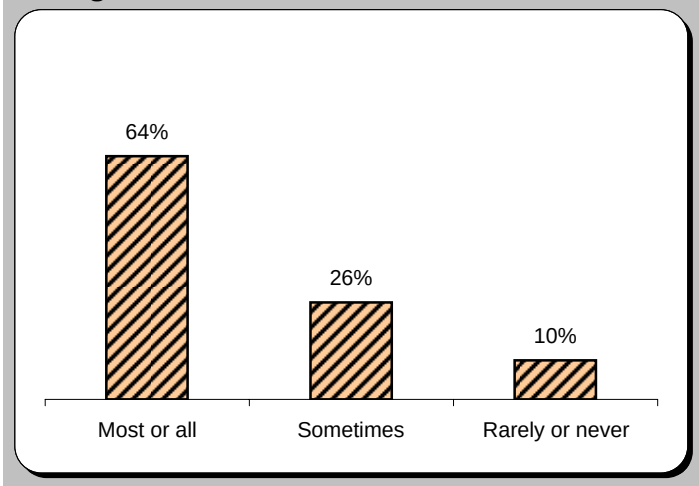
2-6: Drug Test Results

Number of consumers tested	705
Percent of consumers tested	65%
Average number of tests for each consumer tested	3.5

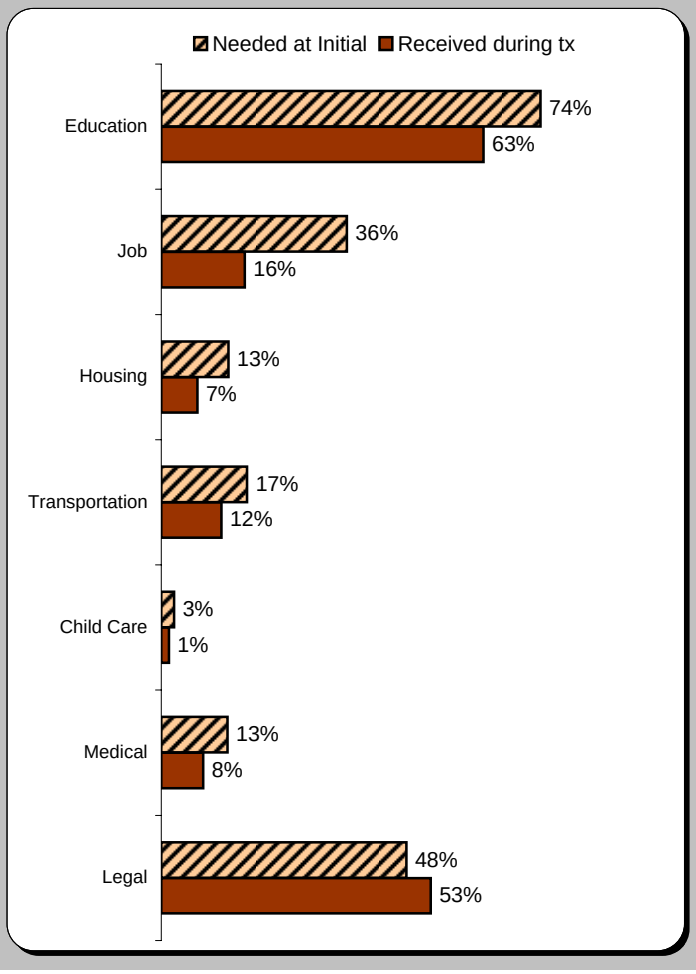


Number of matched Initial to Update Interviews: Statewide = 1,078

3-1: Attendance at Scheduled Treatment Sessions, During Treatment Since Last Interview



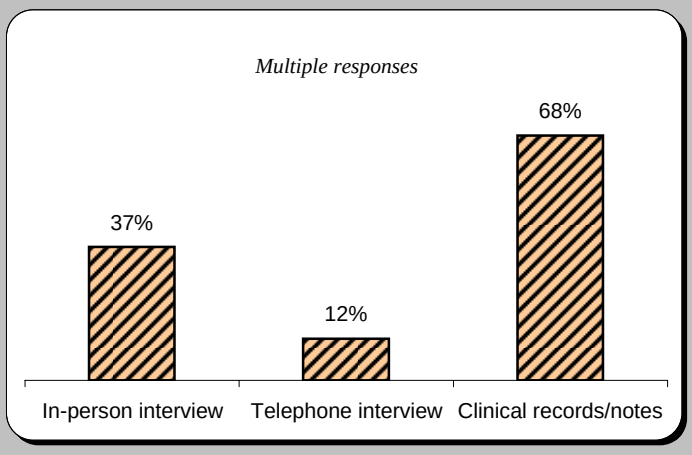
3-2: Services Deemed "Very Important" at Intake and Received During Treatment



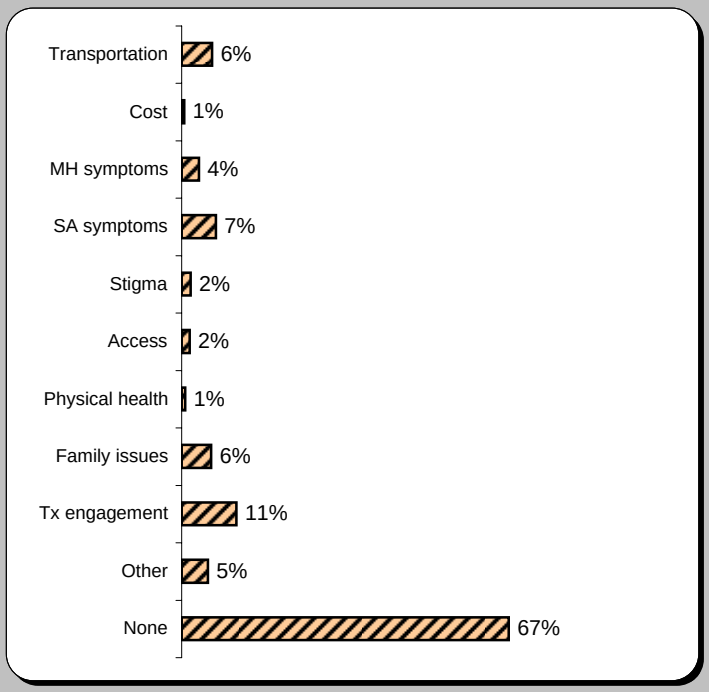
Part II

Some graphs and tables compare information collected at the Initial Interview with information collected in the Update Interview. Initial 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.

3-3 Update Data Collection Method



3-4 Barriers to Treatment



Number of matched Initial to Update Interviews: Statewide = 1,078

4-1: Enrollment in Academic Program

Enrolled in….	Initial Interview	Update Interview
Any academic program	86%	85%
Academic School (K-12)	67%	65%
Alternative Learning Program(ALP)	16%	14%
Technical or Vocational School	0%	1%
GED	3%	6%

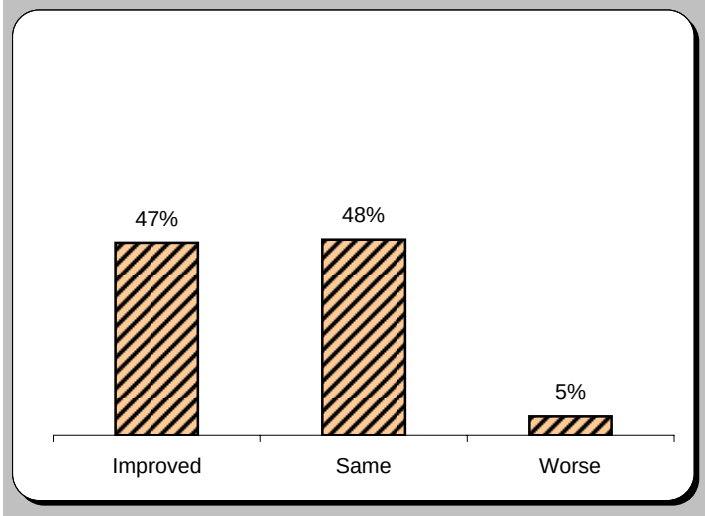
4-2: Students in K-12 who Received Mostly A's, B's,and C's at Most Recent Grading Period

Of those in K-12	Initial Interview	Update Interview
Received mostly A's, B's, and C's	66%	78%

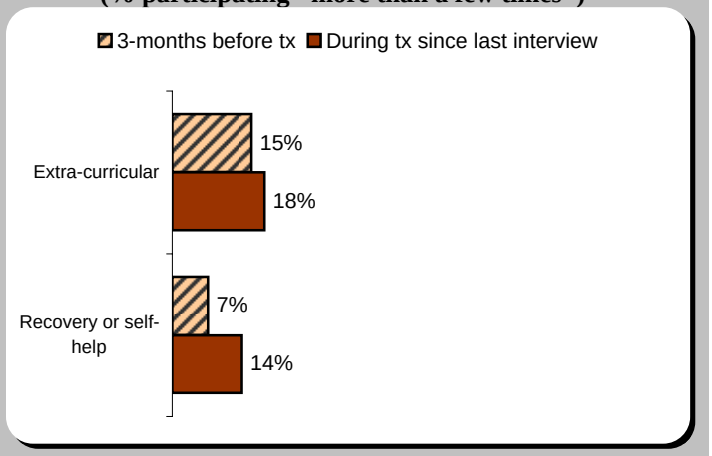
4-3: School Expulsion, Suspension and Truancy

Of those enrolled in K-12 who missed school due to	3-months before tx	Since last interview
Expulsion	8%	3%
Suspension	44%	21%
Truancy	20%	11%

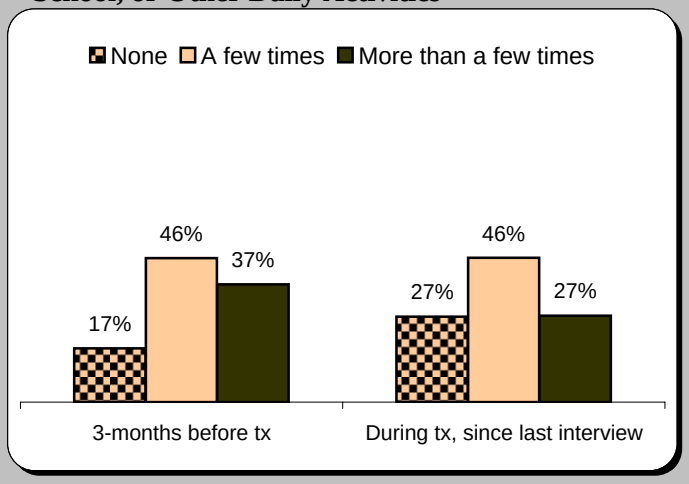
4-4: Since starting treatment, school attendance is...



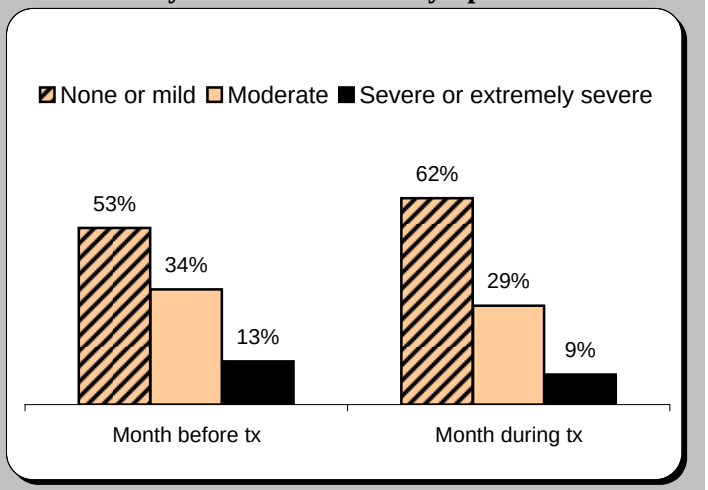
4-5: Consumer Participation in Positive Activities (% participating "more than a few times")



4-6: How Often Problems Interfere with Work, School, or Other Daily Activities

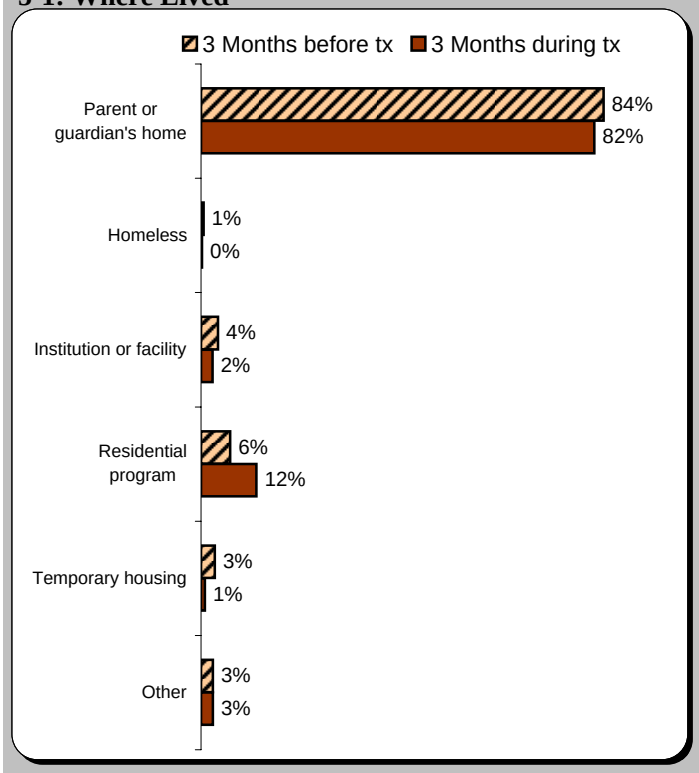


4-7: Severity of Mental Health Symptoms



Number of matched Initial to Update Interviews: Statewide = 1,078

5-1: Where Lived



5-2: Number Living in Special Circumstances

Where lived most of time	3 Months before Tx	3 Months during Tx
Homeless sheltered	4	0
Homeless unsheltered	1	2
Therapeutic foster home	7	13
Level III Group Home	41	69
Level IV Group Home	6	3
State residential treatment center	5	14
SA residential treatment facility	7	15
Total living in special circumstances	71	121
--Of the total, number in home community	27	45

5-3: Times Moved Residences During Treatment

	3 Months during tx
None	81%
Once	16%
More than once	3%

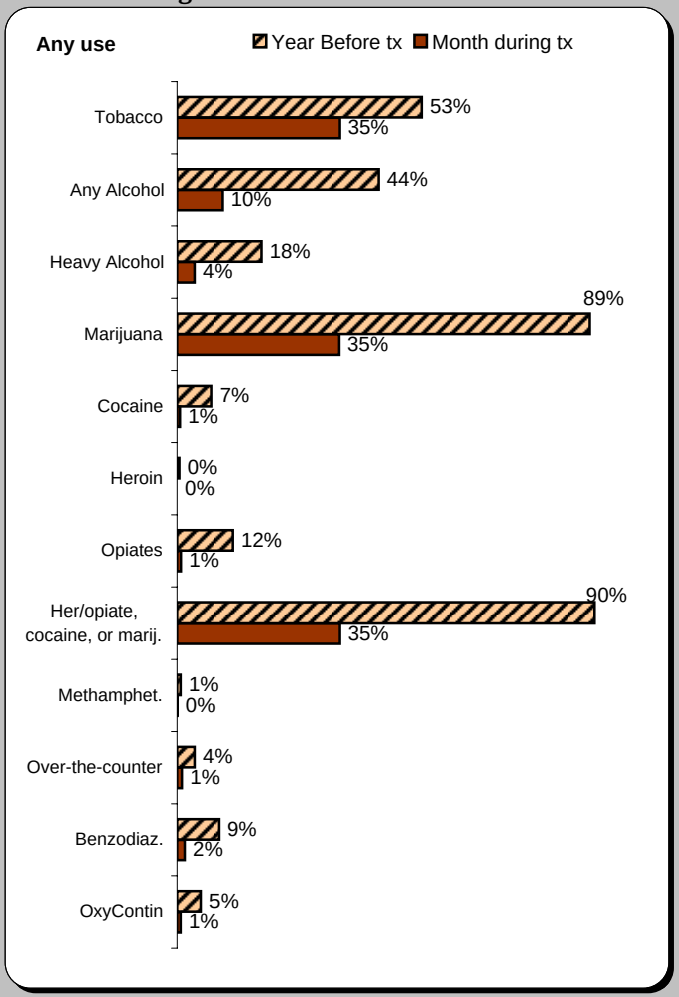
5-4: Justice System, Legal Involvement & Arrests

	Initial	Update
Criminal justice involvement	67%	61%
Got in trouble with the law	29%	13%
Arrested past month	17%	6%

5-5: Psychotropic Medication

30% of Statewide consumers have a current prescription for psychotropic medications. Of those, 74% take their medication as prescribed all or most of the time.

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



Number of matched Initial/Update Interviews: Statewide = 1,078

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.

*** 475 of the 1,078 (44%) of Statewide Update Interviews included a personal interview with the consumer.**

6-1: Needle Use (Non-Medical)

	3-Months before tx	3-Months during Tx
Used needle to inject drugs	3%	1%

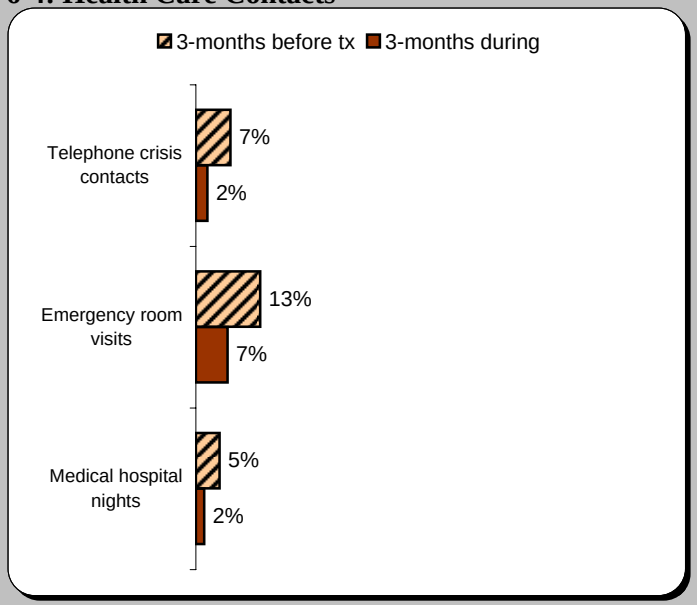
6-2: Behavior Problems and Symptoms

	3 Months before tx	During tx, since last interview
Suicidal thoughts	15%	7%
Tried to hurt or cause self pain	9%	4%

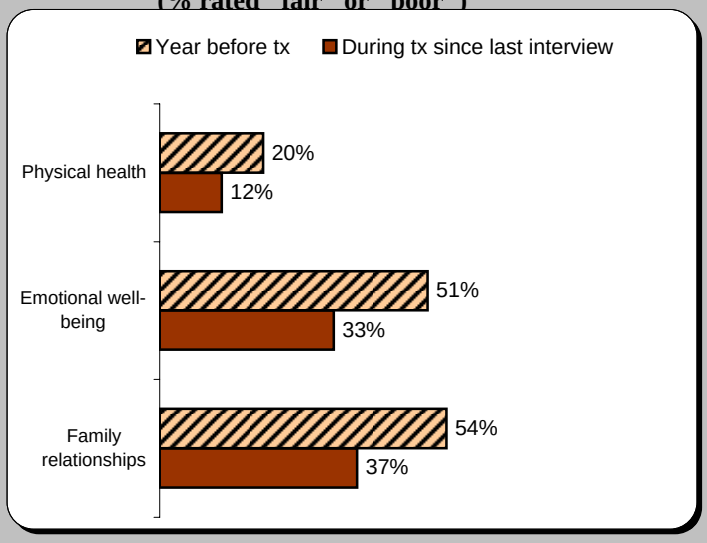
6-3: Experienced Violence or Expressed Violence Toward Others

	3 Months before tx	3 Months during Tx
Physical violence experienced	24%	11%
Hit/physically hurt another person	34%	17%

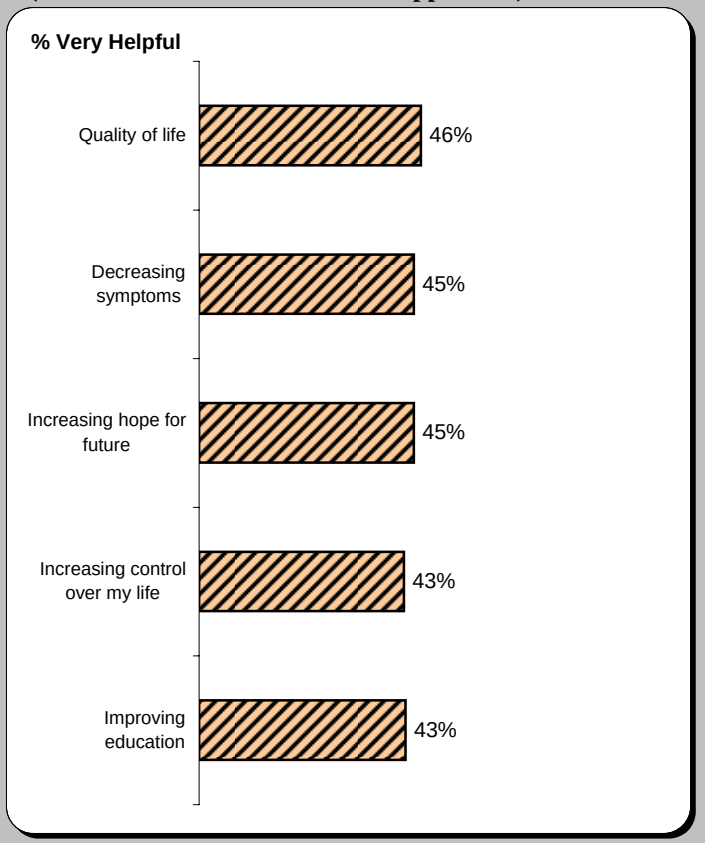
6-4: Health Care Contacts



6-5: Consumer Ratings on Quality of Life (% rated "fair" or "poor")



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



Appendix
Statewide Adolescent Substance Abuse Consumers
Acronyms and Abbreviations used in this Report

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