

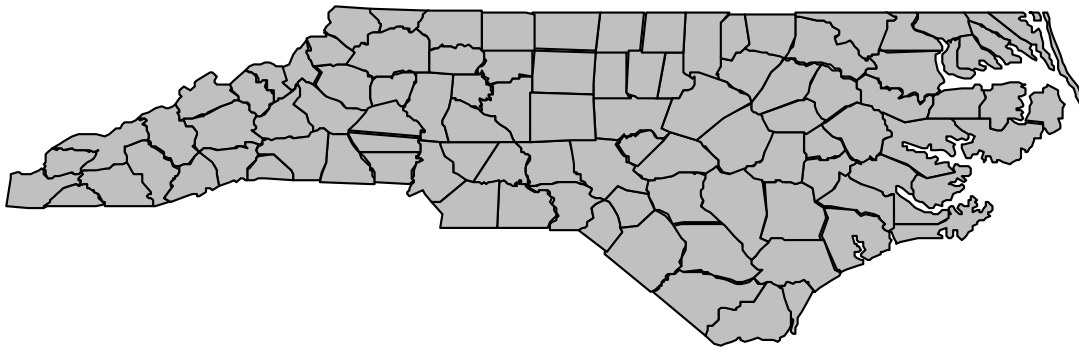
**North Carolina Department of Health and Human Services  
Division of Mental Health, Developmental Disabilities and Substance Abuse Services**

**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, 2009 to June 30, 2010 and matched to Update Interviews through December 31, 2010



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 2011



### 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

- Percentage** 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 diagnoses. 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:** Substance abuse consumers who are also being treated for mental health (co-occurring) 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, 2009 to June 30, 2010**

**Initial Interviews column** Shows the number of unduplicated Initial Interviews conducted July 1, 2009 to June 30, 2010.

**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, 2010.

**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	14	6	42.9%
Albemarle	13	7	53.8%
Beacon Center	57	36	63.2%
CenterPoint	209	146	69.9%
Crossroads	50	21	42.0%
Cumberland	133	96	72.2%
Durham	70	47	67.1%
East Carolina	115	84	73.0%
Eastpointe	49	32	65.3%
Five County	44	35	79.5%
Guilford	65	38	58.5%
Johnston	5	2	40.0%
Mecklenburg	190	56	29.5%
Mental Health Partners	33	18	54.5%
Onslow-Carteret	19	8	42.1%
Orange-Person-Chatham	23	17	73.9%
Pathways	61	43	70.5%
PBH	176	107	60.8%
Sandhills	109	69	63.3%
Smoky Mountain	57	34	59.6%
Southeastern Center	39	29	74.4%
Southeastern Regional	38	21	55.3%
Wake	95	60	63.2%
Western Highlands	67	24	35.8%
Total	1,731	1,036	59.8%

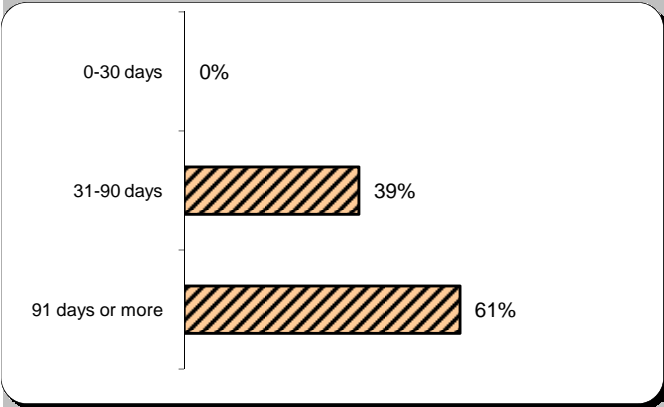
Notes

\*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, 1,036 had an Initial and a 3-Month Update Interview (or completed treatment interview) completed by December 31, 2010. The following section describes characteristics of these consumers and their treatment.

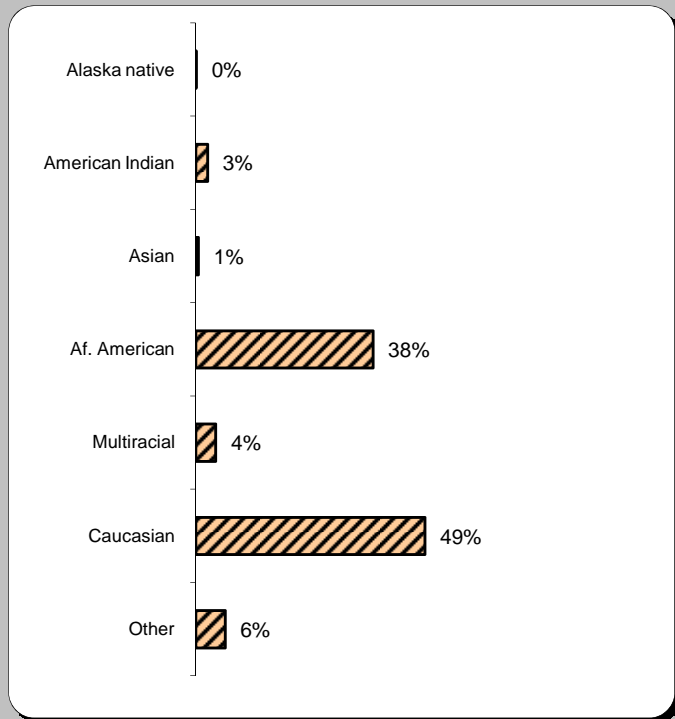
**1-1: Days Between Initial and Update Interview**



**1-2: Gender**

Among Statewide consumers, 75% are male, and 25% are female.

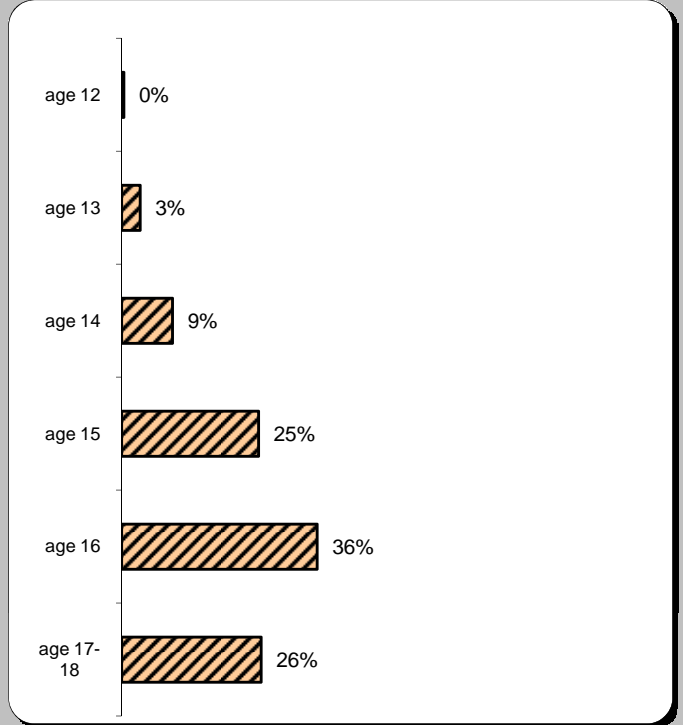
**1-3: Race/Ethnicity**



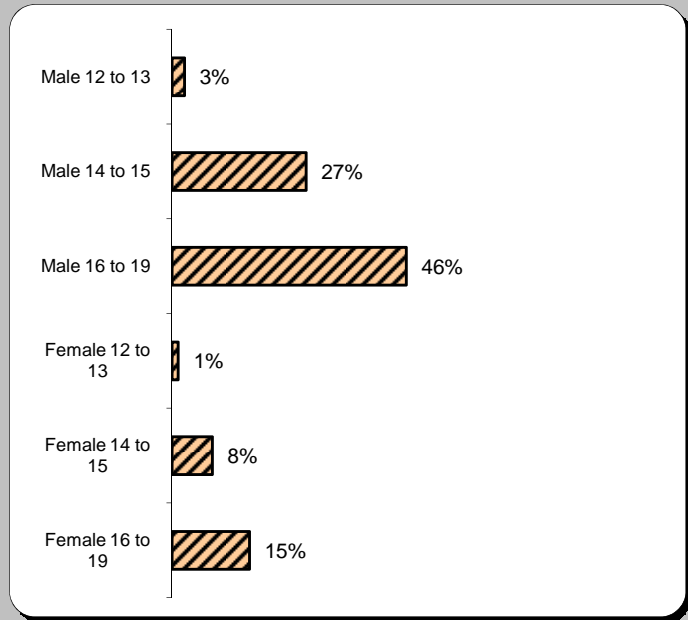
**1-4: Hispanic**

9% of Statewide consumers are Hispanic.

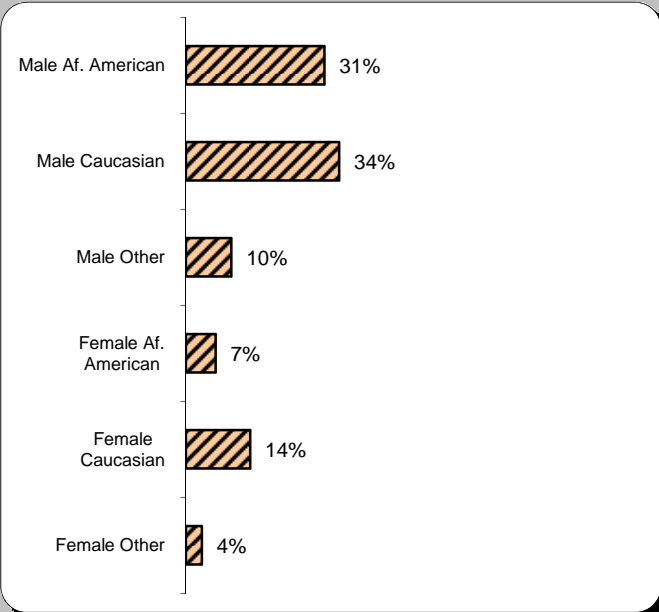
**1-5: Age Group**



**1-6: Gender and Age**



### 2-1: Gender and Ethnicity



### 2-2: Co-Occurring Status at Update

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

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

Type of Qualified Professional	Number
QP in substance abuse	13
QP in mental health	254
QP in both	354
Total Co-occurring consumers	621

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

Family Involvement with...	Percentage
Services and/or planning	89%
Treatment Services	84%
Person-centered planning	71%

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

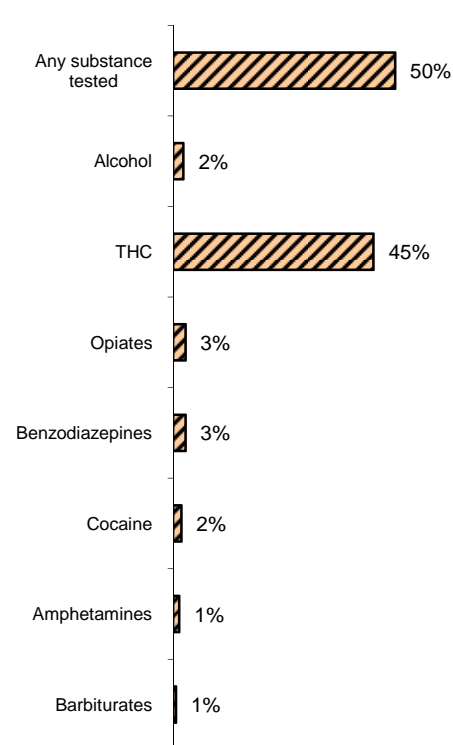
Diagnostic Category	%
Drug dependence	24%
Alcohol dependence	2%
Drug abuse	63%
Alcohol abuse	17%
Oppositional defiant disorder	31%
Conduct disorder	18%
Attention deficit disorder (ADD)	18%
Bipolar disorder	4%
Depression	12%
Disruptive behavior	6%
Post-traumatic stress disorder (PTSD)	4%

Only most common diagnoses shown. Multiple response.

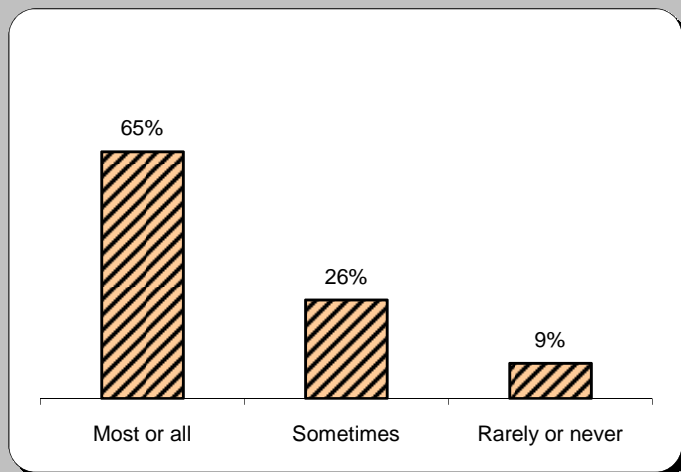
### 2-6: Drug Test Results

Number of consumers tested	648
Percent of consumers tested	63%
Average number of tests for each consumer tested	3.7

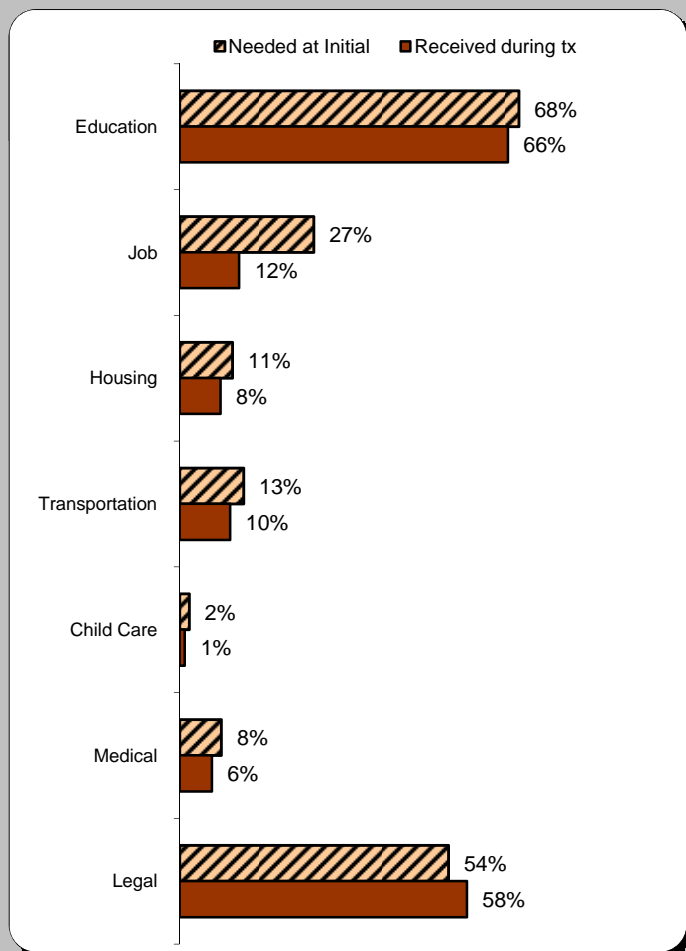
### Percent Positive for



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



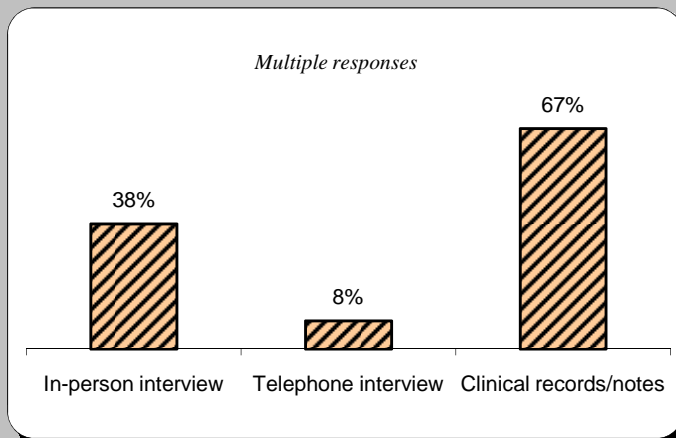
### 3-2: Services Deemed "Very Important" at



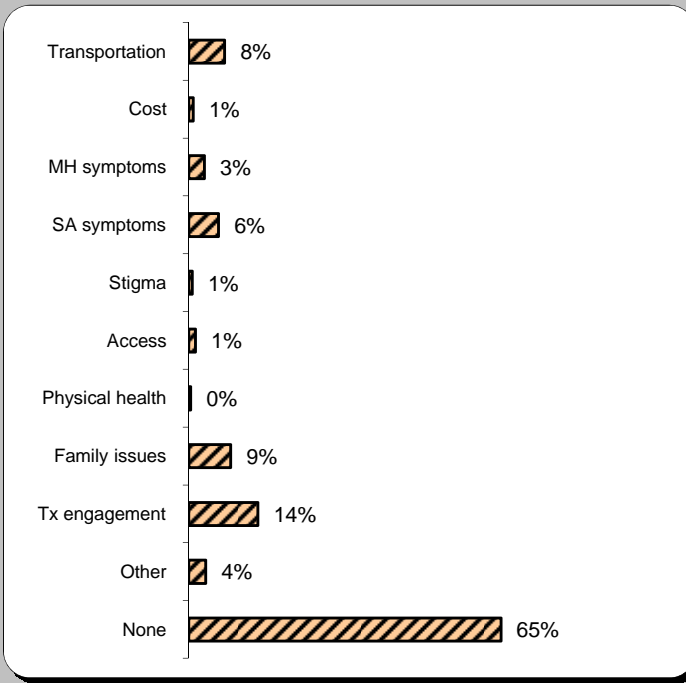
## Part II

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



**4-1: Enrollment in Academic Program**

Enrolled in....	Initial Interview	Update Interview
Any academic program	88%	87%
Academic School (K-12)	69%	66%
Alternative Learning Program (ALP)	15%	15%
Technical or Vocational School	0%	1%
GED	3%	6%

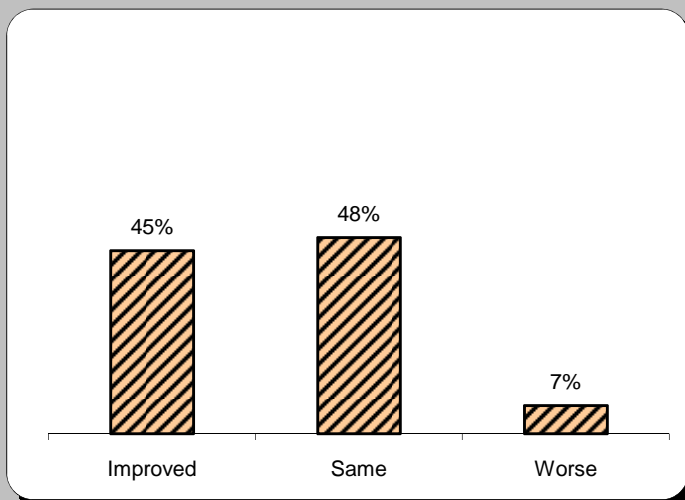
**4-2: Students in K-12 who Received Mostly A's, B's, and C's at Most Recent Grading Period**

Of those in K-12	Initial Interview	Update Interview
Received mostly A's, B's, and C's	61%	76%

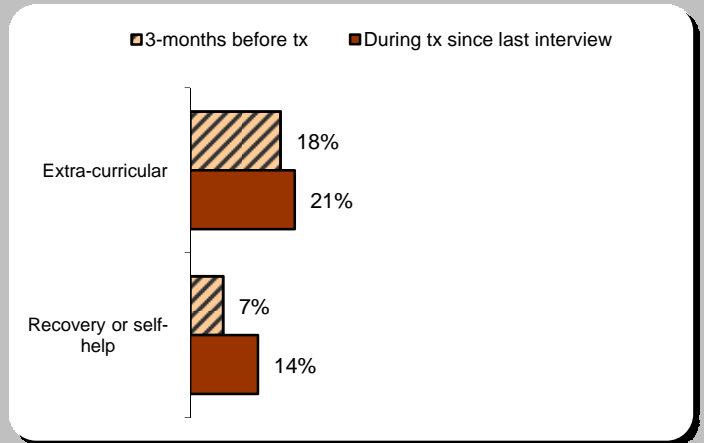
**4-3: School Expulsion, Suspension and Truancy**

Of those enrolled in K-12 who missed school due to	3-months before tx	Since last interview
Expulsion	8%	2%
Suspension	43%	24%
Truancy	25%	13%

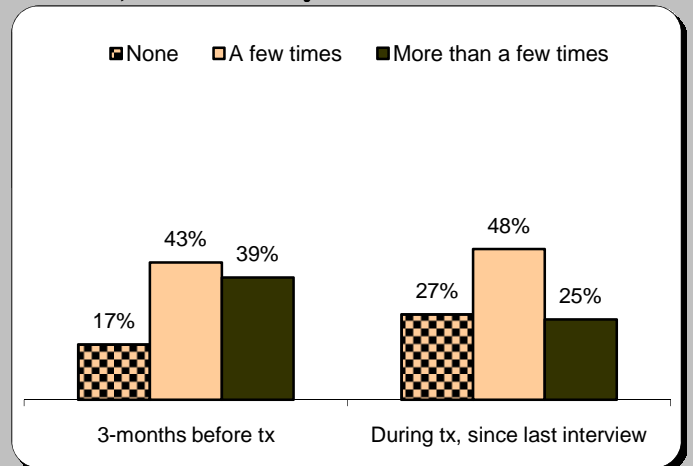
**4-4: Since starting treatment, school attendance is...**



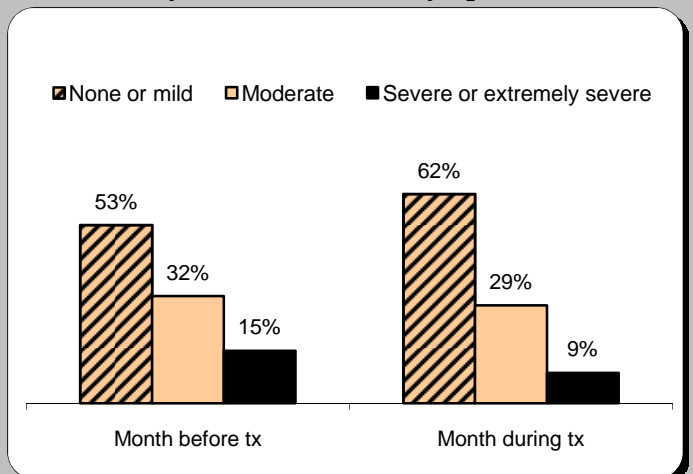
**4-5: Consumer Participation in Positive Activities (% participating "more than a few times")**



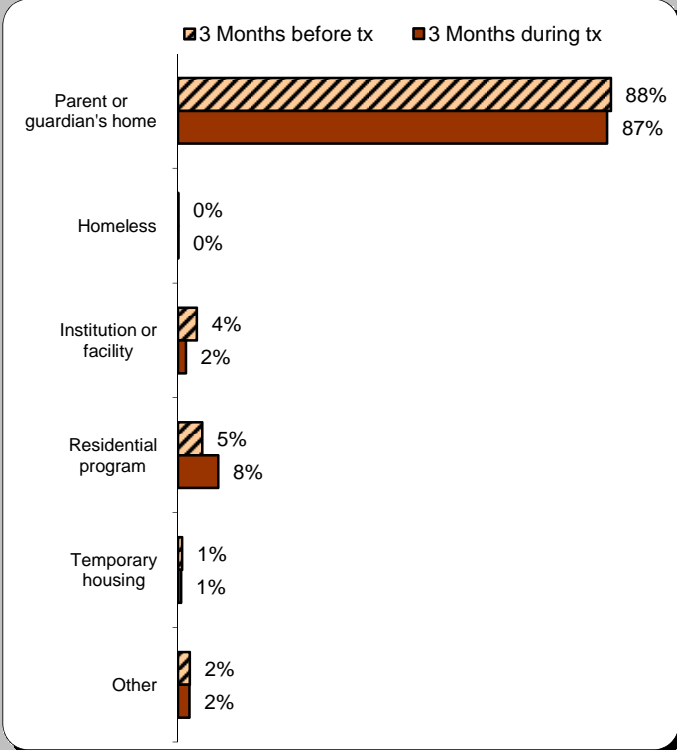
**4-6: How Often Problems Interfere with Work, School, or Other Daily Activities**



**4-7: Severity of Mental Health Symptoms**



**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	0	1
Homeless unsheltered	1	0
Therapeutic foster home	6	11
Level III Group Home	30	34
Level IV Group Home	1	4
State residential treatment center	2	8
SA residential treatment facility	4	20
<b>Total living in special circumstances</b>	<b>45</b>	<b>80</b>
--Of the total, number in home community	18	28

**5-3: Times Moved Residences During Treatment**

	3 Months during tx
None	77%
Once	19%
More than once	4%

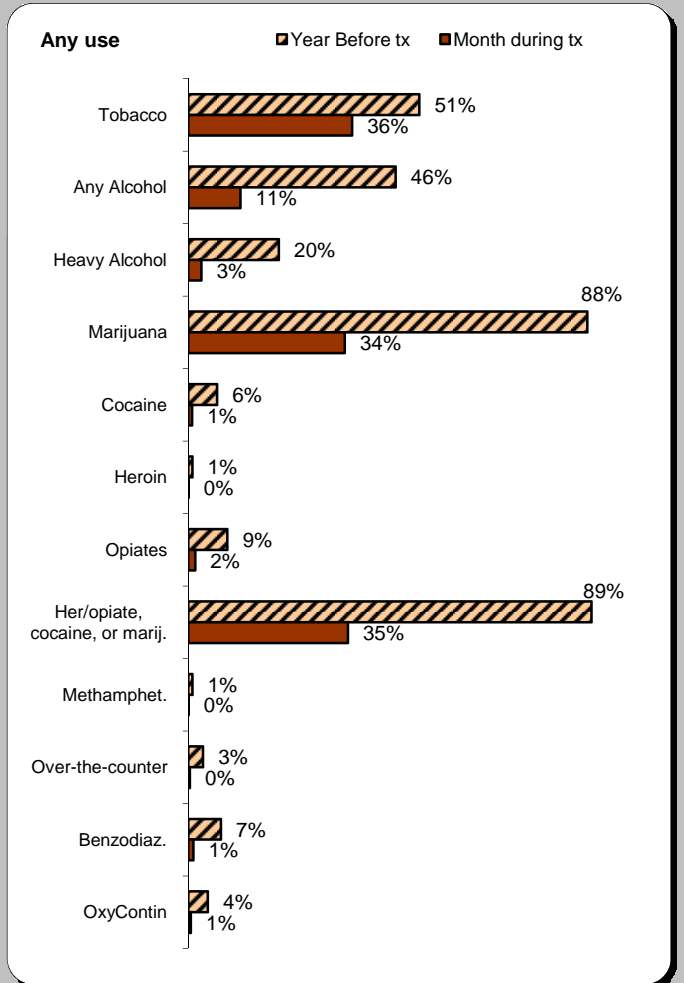
**5-4: Justice System, Legal Involvement & Arrests**

	Initial	Update
Criminal justice involvement	70%	63%
Got in trouble with the law	25%	13%
Arrested past month	16%	6%

**5-5: Psychotropic Medication**

28% of Statewide consumers have a current prescription for psychotropic medications. Of those, 73% take their medication as prescribed all or most of the time.

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





### 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.

\* 519 of the 1,036 (50%) 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	2%	0%

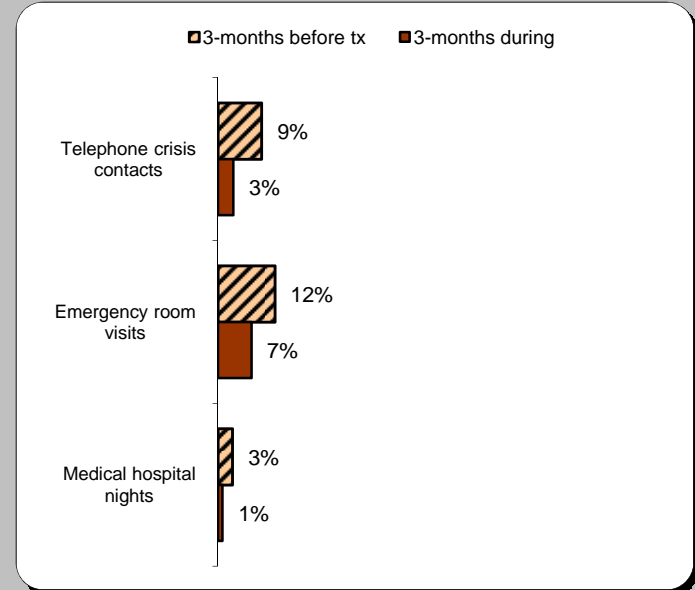
#### 6-2: Behavior Problems and Symptoms

	3 Months before tx	During tx, since last interview
Suicidal thoughts	15%	6%
Tried to hurt or cause self pain	9%	3%

#### 6-3: Experienced Violence or Expressed Violence Toward Others

	3 Months before tx	3 Months during Tx
Physical violence experienced	22%	11%
Hit/physically hurt another person	31%	16%

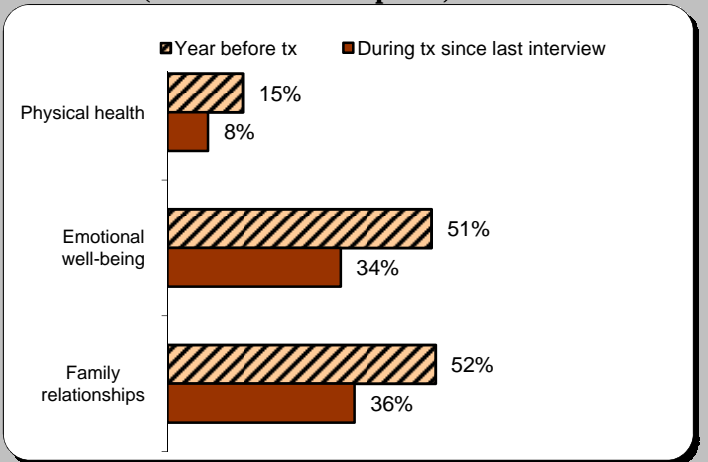
#### 6-4: Health Care Contacts



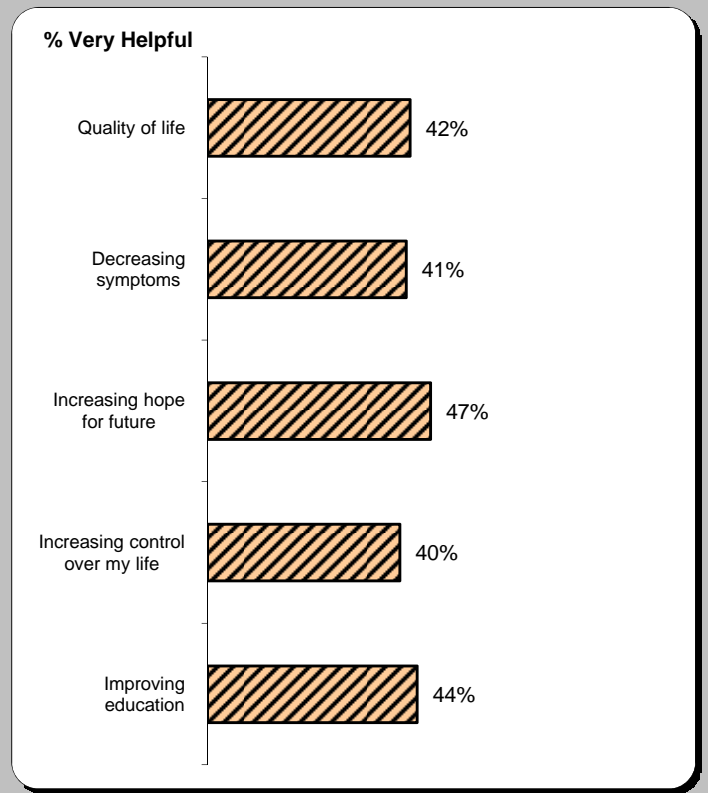
#### 6-5: Family Somewhat or Very Supportive

	3 Months before tx	During tx, since last interview
Suicidal thoughts	97%	97%

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



#### 6-7: 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**

---

<b>Acronym or Term</b>	<b>Definition</b>
Af American	African American
ADD	Attention Deficit Disorder
Benzodiaz.	Benzodiazepine(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