

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

**NC-TOPPS**

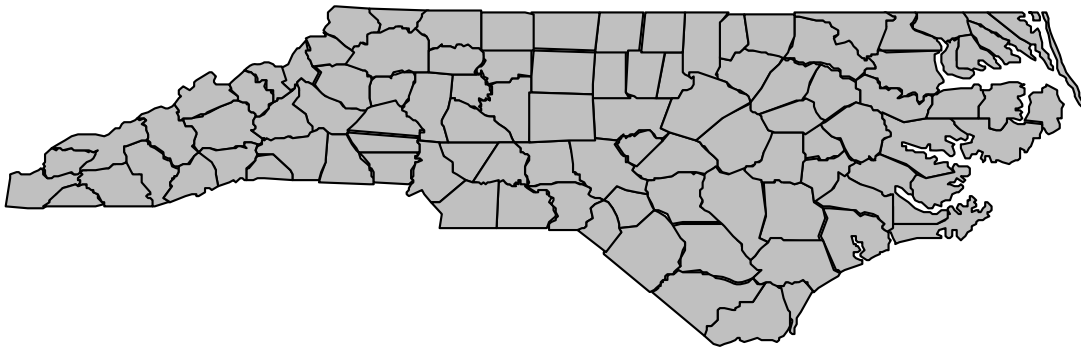
North Carolina Treatment Outcomes and Program Performance System

**Adolescent (12-17) Substance Abuse Consumers:  
Statewide**

**Initial Interviews**

**July 1, 2010 through June 30, 2011**

This report includes consumers receiving only substance abuse services, and those receiving both mental health and substance abuse services.



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

July 2011



## Introduction

This 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). It provides information gathered through the online NC-TOPPS Initial Interview and includes charts, tables and text information on substance abuse consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with consumers at the beginning of treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Interview is 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 printable version of the interviews are available at <http://www.ncdhhs.gov/mhddsas/nc-topps/>

## General Information on Interpreting Tables

- Types of Statistics**
- ▶ A count shows the actual number of consumers or responses to an item.
  - ▶ 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 values divided by the number of values 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 received, 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 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% ( $25/48 \times 100$ ).
- 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 diagnoses. This is in contrast to items such as gender where only a single response is allowed.
- Definitions of terms** The appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report.

### Special notes:

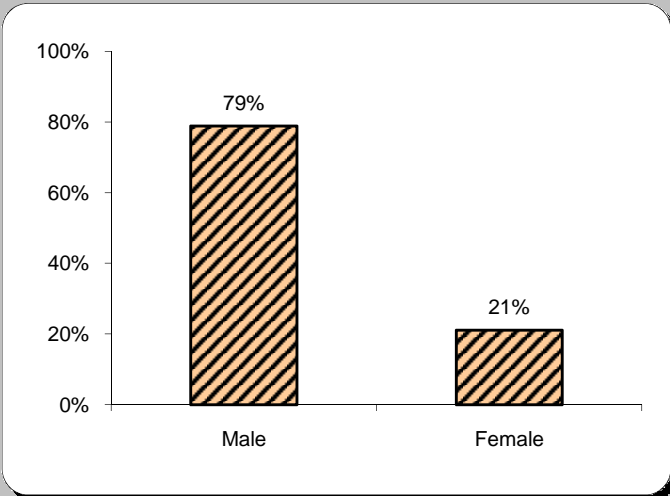


**Initial Interviews Received July 1, 2010 through June 30, 2011  
Adolescent Substance Abuse Consumers  
Statewide**

This table shows the number of consumers in this report by LME.

<b>LME</b>	<b>Number</b>
Alamance-Caswell	10
Beacon Center	62
CenterPoint	159
Crossroads	46
Cumberland	142
Durham Center	78
East Carolina Behavioral Health	126
Eastpointe	67
Five County	33
Guilford	84
Johnston	4
Mecklenburg	149
Mental Health Partners	21
Onslow-Carteret	51
Orange-Person-Chatham	14
Pathways	70
PBH	111
Sandhills	110
Smoky Mountain Center	49
Southeastern Center	55
Southeastern Regional	37
Wake	123
Western Highlands	74
<b>Total</b>	<b>1,675</b>

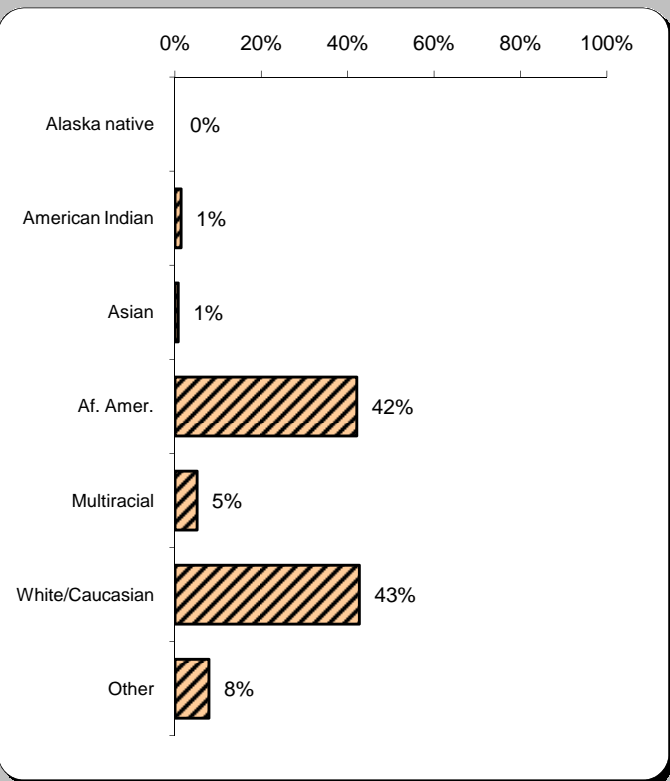
**1-1: Gender**



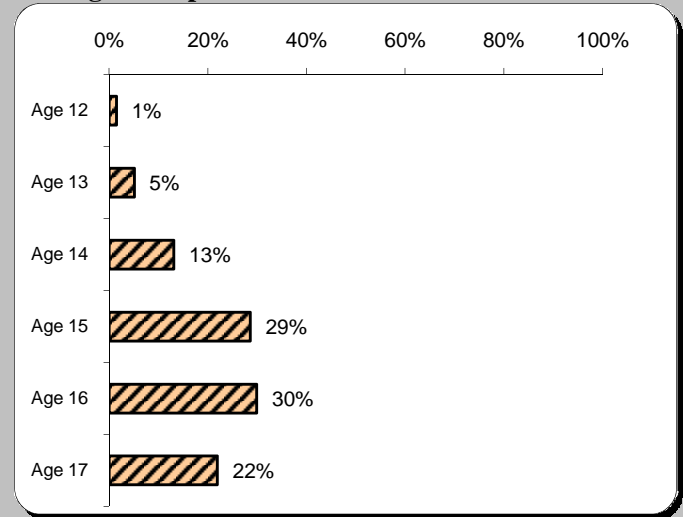
**1-2: Hispanic Origin**

Of the Statewide consumers, 11% indicate that they are of Hispanic, Latino, or Spanish origin.

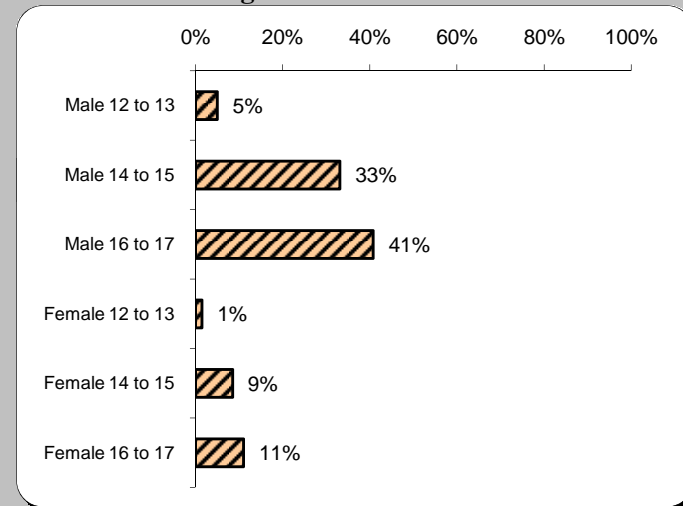
**1-3: Race/Ethnicity**



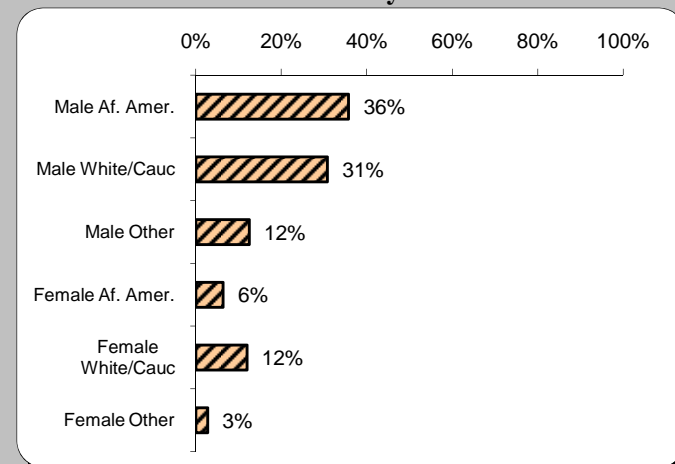
**1-4: Age Group**



**1-5: Gender and Age**



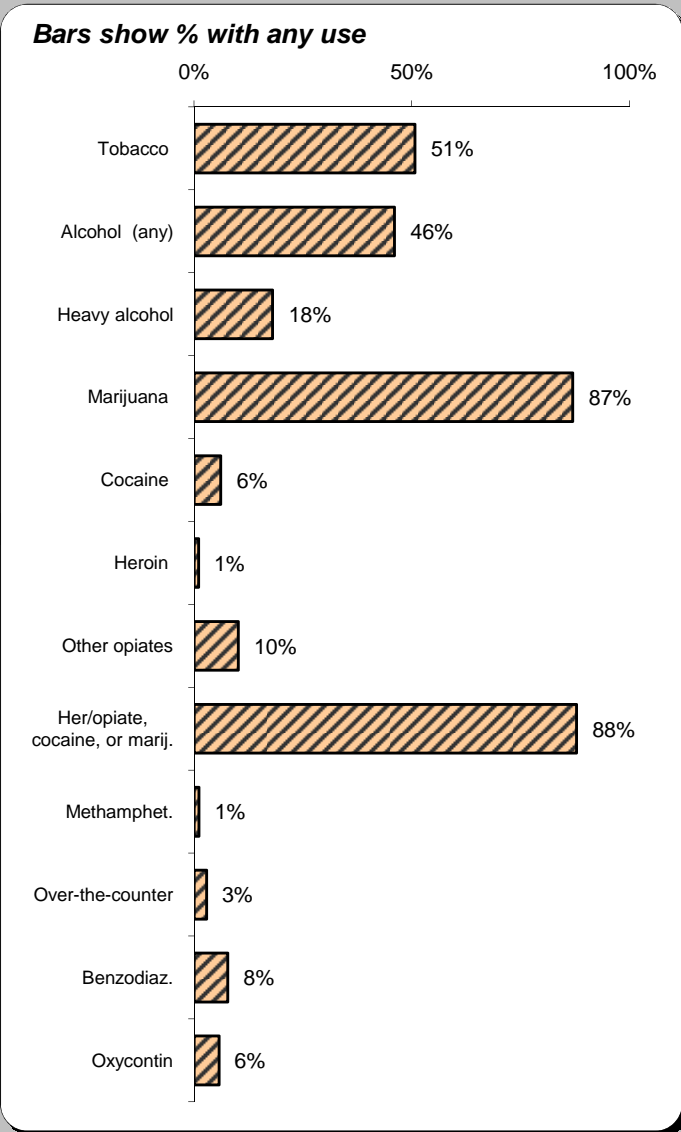
**1-6: Gender and Race/Ethnicity**



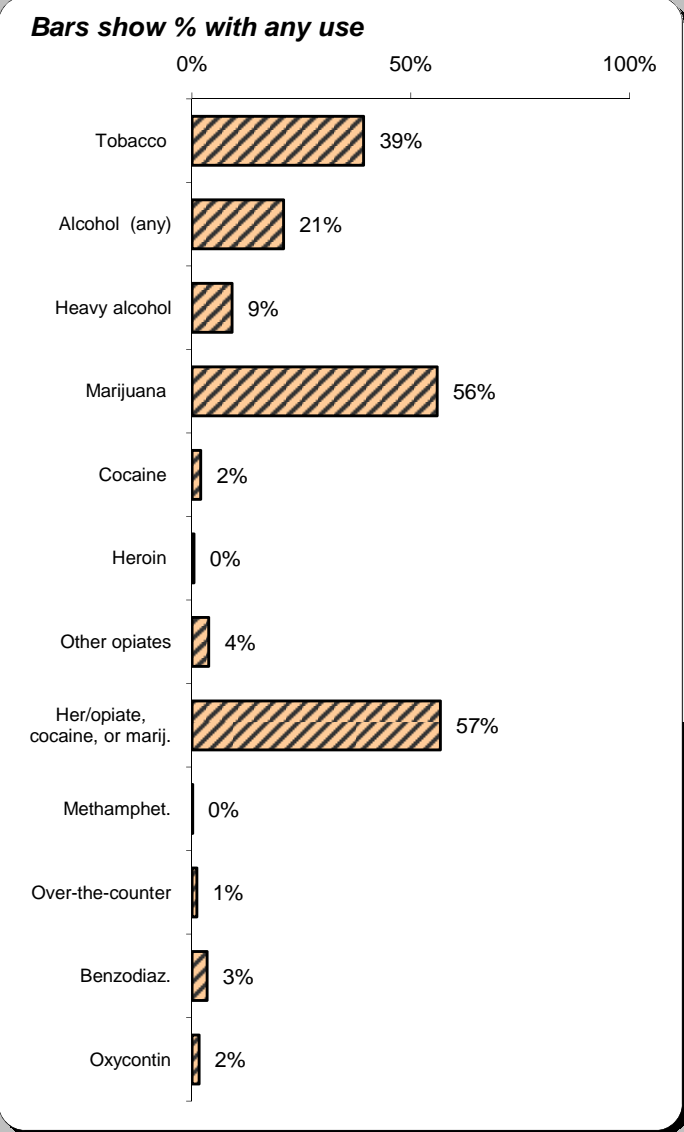
**2-1: Consumers Admitted to Special SA Programs**

	%
MAJORS	0%
Maternal/pregnant	0%

**2-2: Substance Use, Past 12 Months**



**2-3: Substance Use, Past Month**



**2-4: Needle Used To Inject Drugs, Non-Medically**

Needle use ever	3%
Needle use past 3 months	1%

**3-1: Co-Occurring Status**

Services/Supports areas	%
Substance Abuse Only	45%
Substance Abuse and Mental Health	55%

**3-2: Among Co-Occurring Consumers, Type of Treatment Professional Providing Services/Supports**

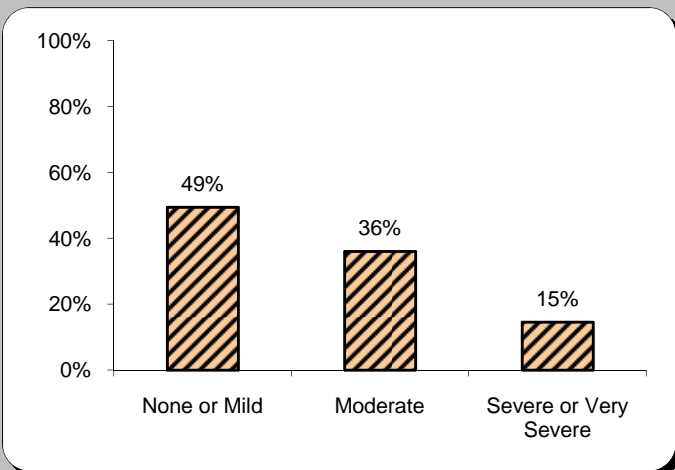
Type of Qualified Professional (QP)	Number
QP in Substance Abuse	21
QP in Mental Health	322
QP in both	570
Total Co-Occurring Consumers	913

**3-3: DSM-IV Diagnoses**

Diagnostic Category	%
Drug Dependence	28%
Alcohol Dependence	3%
Drug Abuse	54%
Alcohol Abuse	16%
Oppositional defiant disorder	27%
Conduct disorder	20%
Attention deficit disorder (ADD)	20%
Bipolar disorder	4%
Depression	10%
Disruptive behavior	5%

\* Only most commonly diagnosed conditions shown.

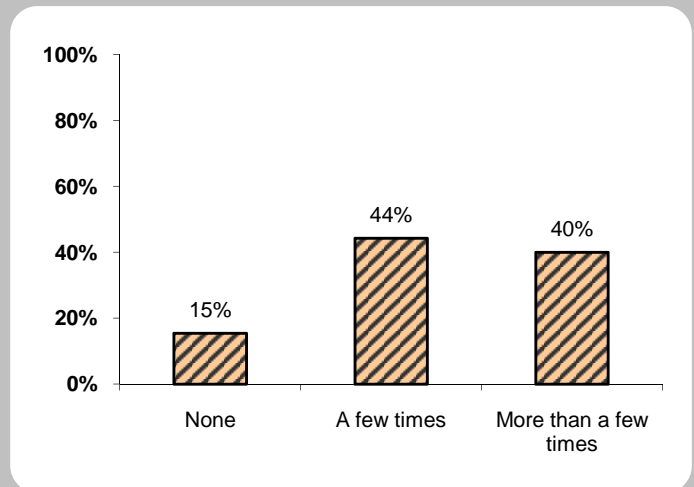
**3-4: Severity of Mental Health Symptoms, Past Month**



**3-5: General Assessment of Functioning (GAF)**

Among Statewide consumers, the average GAF score was 49.2 and the median score was 50.

**3-6: How Often Problems Interfere with Work, School, or Other Daily Activities, Past 3 Months**



**3-7: Behavior Problems and Symptoms**

	%
Suicidal attempts, ever	10%
Suicidal thoughts, past 3 months	14%
Tried to hurt or cause self pain, past 3 months	7%
Hit/physically hurt another person, past 3 months	33%

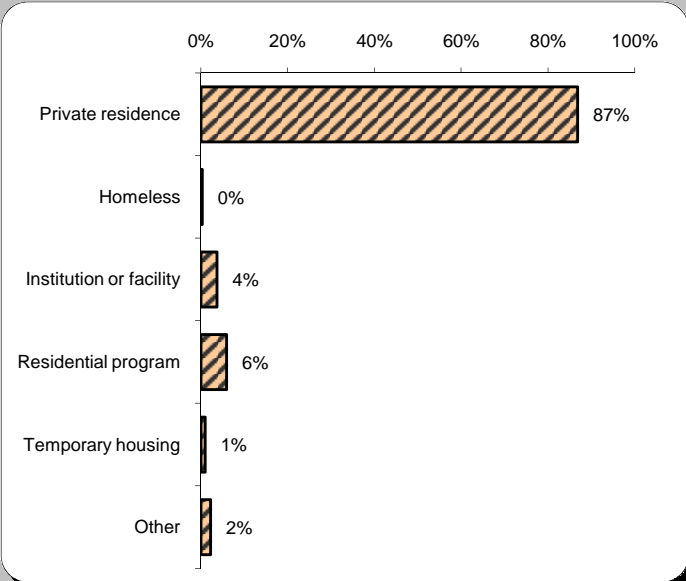
**3-8: Experienced Violence**

Physical violence, past 3 months	23%
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**3-9: Arrests, Jail, and Criminal Justice Status**

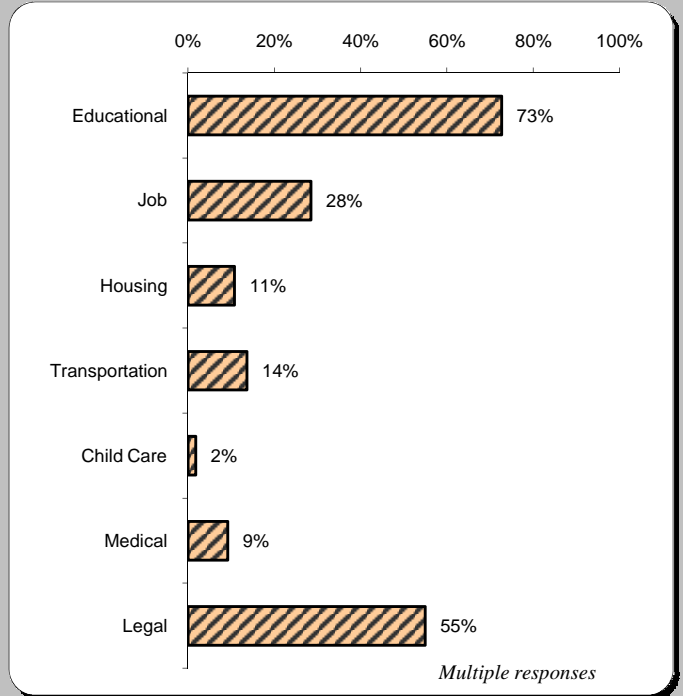
Any Arrests, past month	15%
Current Criminal Justice System supervision	64%
Nights in jail or detention past 3 months	20%

**4-1: Where Lived Past 3 Months**



Note: Of Statewide homeless consumers, 3 were in shelters and 2 were not in shelters.

**4-5: Service Needs Rated "Very Important"**



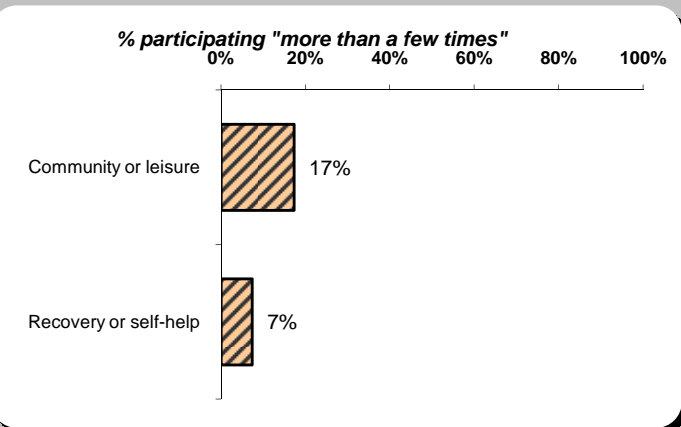
**4-2: Homeless Nights, Past 3 Months**

Among Statewide consumers, 2% reported night(s) homeless during the past 3 months.

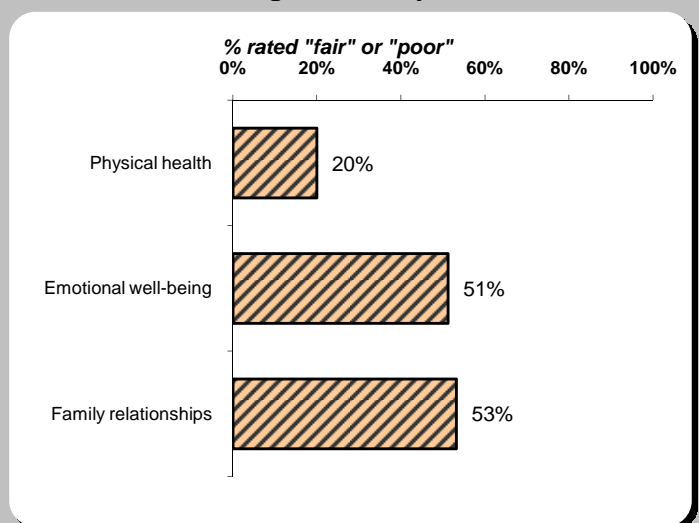
**4-3: Times Moved Residences in the Past Year**

No moves	63%
Moved once	22%
Moved two or more times	15%

**4-4: Consumer Participation in Positive Activities, Past 3 Months**



**4-6: Consumer Ratings on Quality of Life**



**4-7: Support for Recovery**

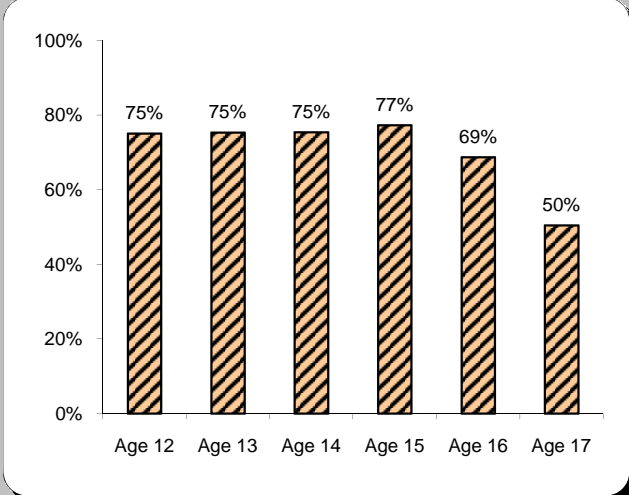
Among those consumers with family or friends, 97% indicate that their family and/or friends will be supportive of their treatment and recovery efforts.

**5-1: Enrollment in Academic Programs**

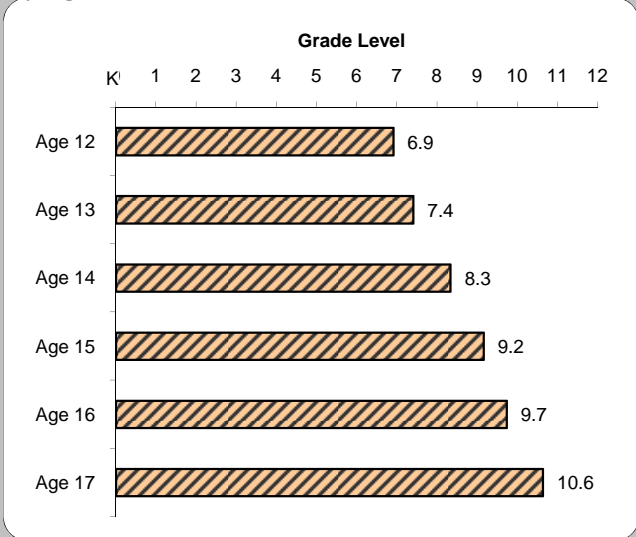
Enrolled in...	
Any Academic program	87%
Academic Schools (K-12)	68%
Alternative Learning Program (ALP)	15%
Technical or Vocational School	0%
GED or Adult Literacy	4%

Note: Multiple response.

**5-2: K-12 School Attendance, by Age**



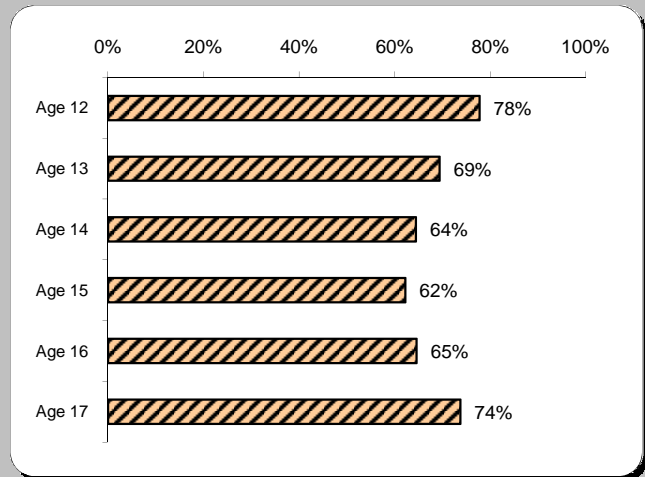
**5-3: Average Grade Level of Students in K-12, by Age**



Note: 0.0 indicates no cases.

Number of Initial Interviews: Statewide = 1,675

**5-4: Students in K-12 who Received Mostly A's, B's or C's at Most Recent Grading Period, by Age**

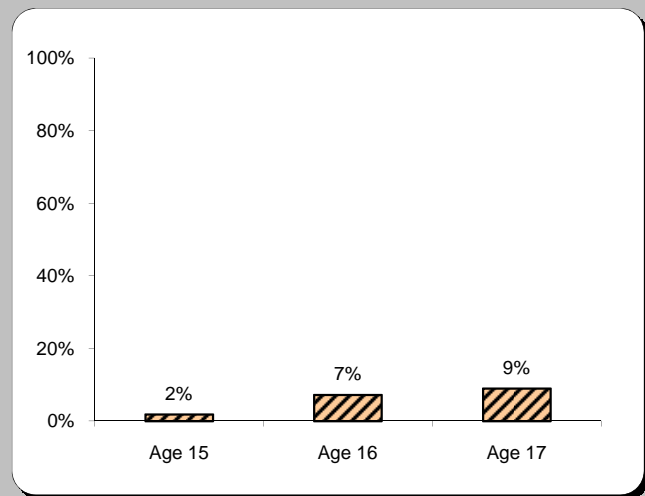


**5-5: School Expulsion, and Truancy, Past 3 Months**

Of those enrolled in K-12, percent who missed school due to	
Expulsion	6%
Out-of-school suspension	40%
Truancy	21%

**5-6: Employment, Past 3 Months, by Age**

The following chart shows the percent of 15 to 17 year olds, by age, who are working full or part-time. While any work, full or part-time, is shown, nearly all work in this age group is part-time. The denominator for these percentages does not exclude those not in the labor force.

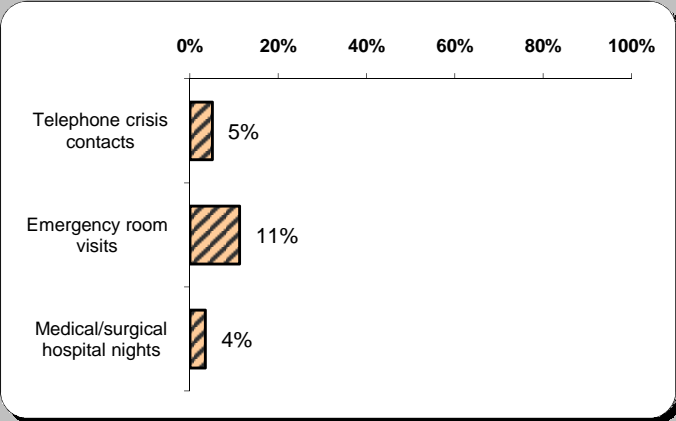




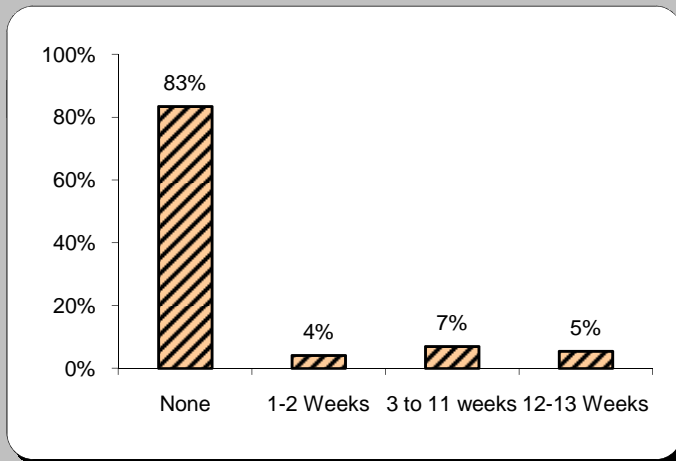
**6-1: Routine Health Care**

Among Statewide consumers, 80% have seen their provider within the past year for a routine check-up.

**6-2: Health Services Utilized Past 3 Months**



**6-3: Weeks of Outpatient SA Treatment in Past 3**



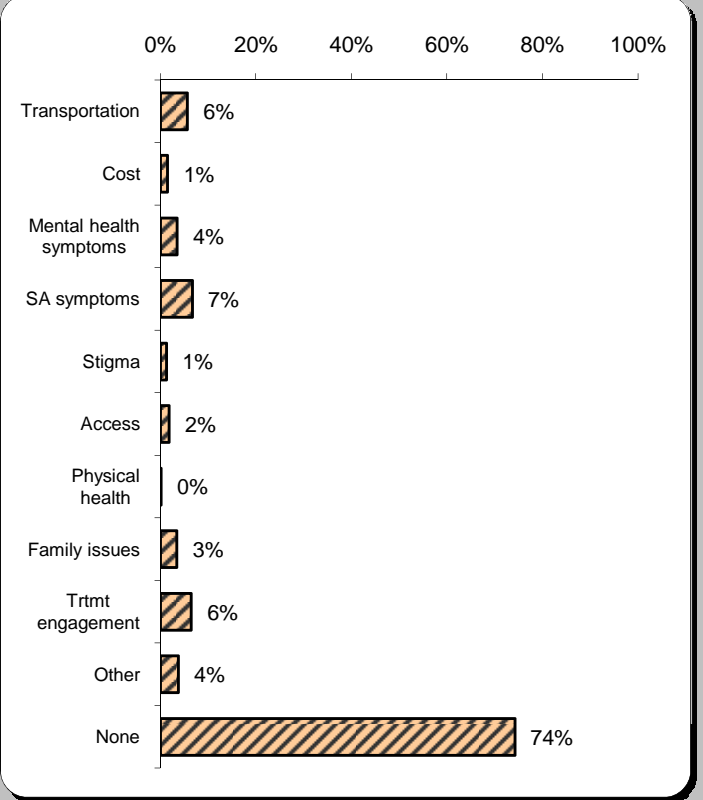
**6-4: Provider Choice**

Received list of options of places to get services	73%
Came here (to this provider) on my own	8%
Did not receive list or options for services	17%

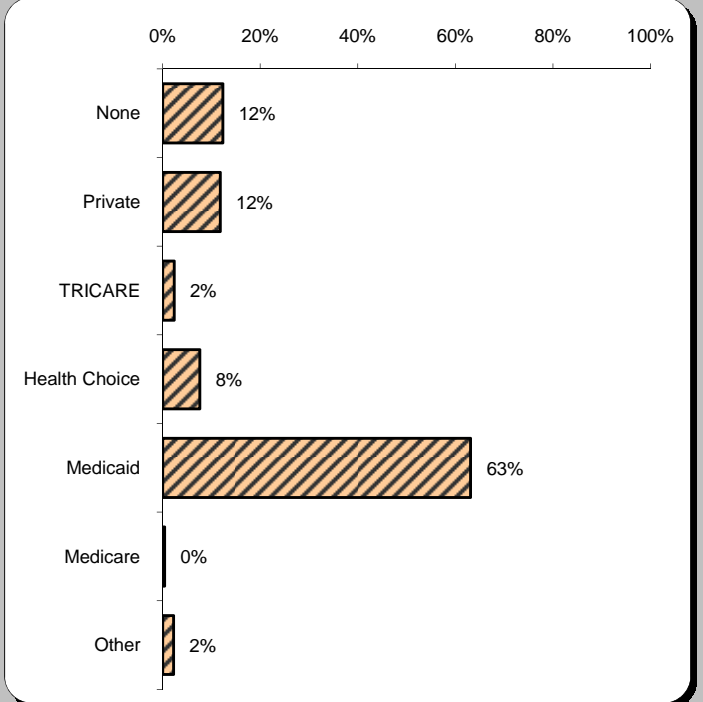
**6-5: Timeliness of Services**

The first service was in a time frame that met my needs	96%
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**6-6: Barriers to Treatment**



**6-7: Health Insurance**



**7-1: Female Substance Abuse Consumers**

Several questions on the NC-TOPPS interview are asked only to females consumers. The tables and charts on this page show the results for those questions. In addition, several other charts are shown for females only. The number of Statewide females is 353.

**7-2: Females with Children Under 18**

Of Statewide female consumers, 5% have children under the age of 18.

Of females with children	%
Have custody of all children	72%
Have custody of some children	0%
Have custody of none of children	28%

**7-3: Pregnancy**

	Number
Currently pregnant	8
Uncertain about pregnancy status	10
In first trimester	3
In second trimester	4
In third trimester	1

Note: Numbers may not add, due to missing data.

**7-4: Lifetime Suicide Attempts Among Females**

19% of Statewide female consumers have attempted suicide at least once during their lifetime.

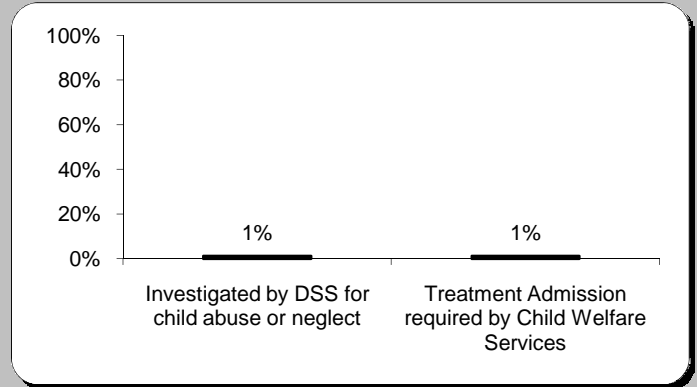
**7-5: Behavior Problems and Symptoms Expressed, Past 3 Months Among Females**

	%
Suicidal thoughts	25%
Tried to hurt or cause self pain	15%
Hit/physically hurt another person	33%

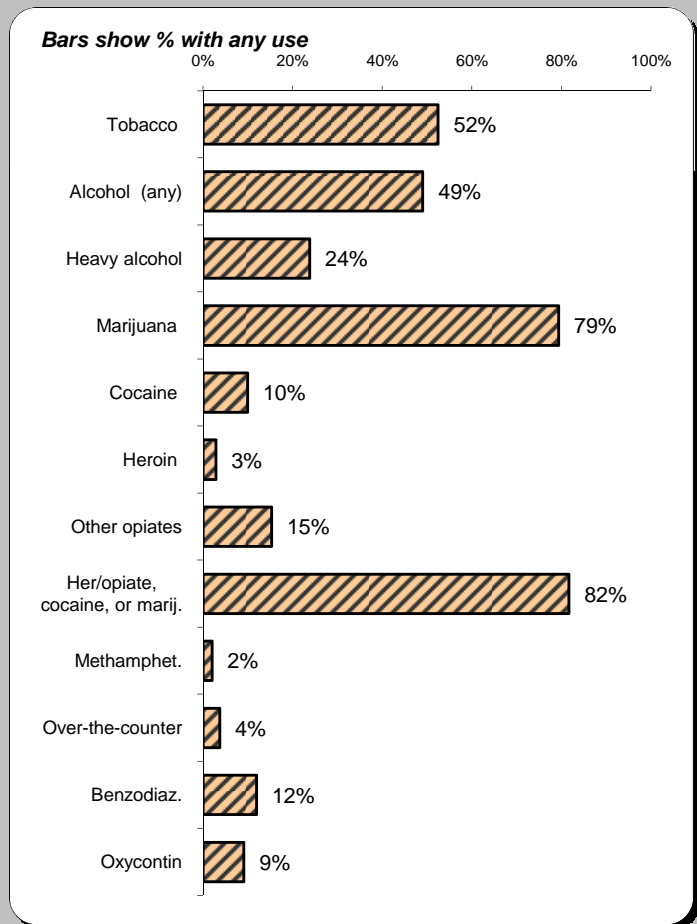
**7-6: Females Experienced Violence**

	%
Physical violence, past 3 months	23%

**7-7: DSS Involvement Among Females**



**7-8: Substance Use, Past 12 Months Among Females**





**Appendix**  
**Adolescent Substance Abuse**  
**Acronyms and Abbreviations**

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<b>Acronym or Term</b>	<b>Definition</b>
Af Amer.	African American
Benzodiaz.	Benzodiazepine(s)
Cauc.	Caucasian
Crim. Justice or CJ	Criminal Justice
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
Her	Heroin
Marij.	Marijuana
Methamphet.	Methamphetamines
MH	Mental Health
QP	Qualified Professional
SA	Substance Abuse