

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

NC-TOPPS

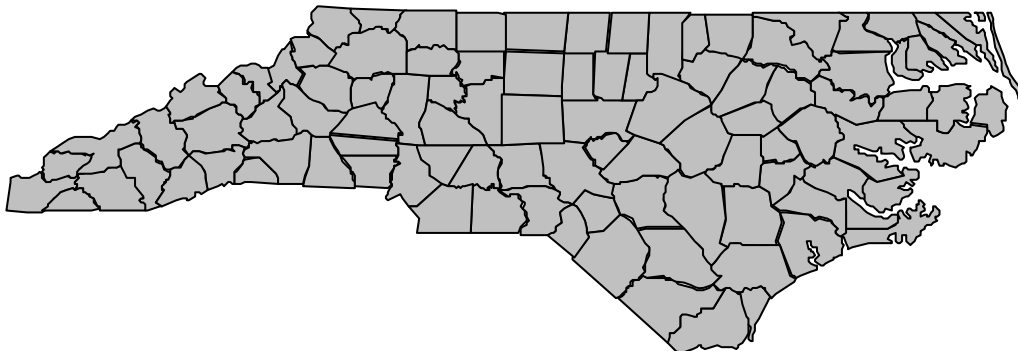
North Carolina Treatment Outcomes and Program Performance System

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

Initial Interviews

July 1, 2009 through June 30, 2010

This report includes consumers receiving only for 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 2010



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*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:

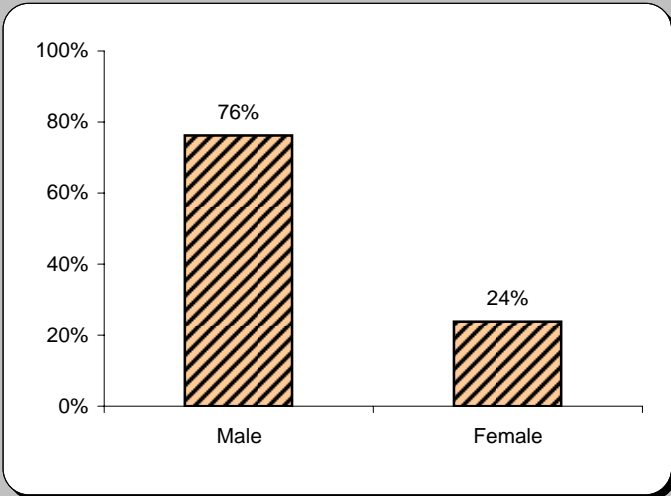


Initial Interviews Received July 1, 2009 through June 30, 2010
Adolescent Substance Abuse Consumers
Statewide

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

LME	Number
Alamance-Caswell	15
Albemarle	13
Beacon Center	59
CenterPoint	215
Crossroads	51
Cumberland	134
Durham Center	72
East Carolina Behavioral Health	118
Eastpointe	49
Five County	46
Guilford	65
Johnston	5
Mecklenburg	204
Mental Health Partners	33
Onslow-Carteret	19
Orange-Person-Chatham	23
Pathways	61
PBH	178
Sandhills	109
Smoky Mountain Center	57
Southeastern Center	39
Southeastern Regional	38
Wake	98
Western Highlands	68
Total	1,769

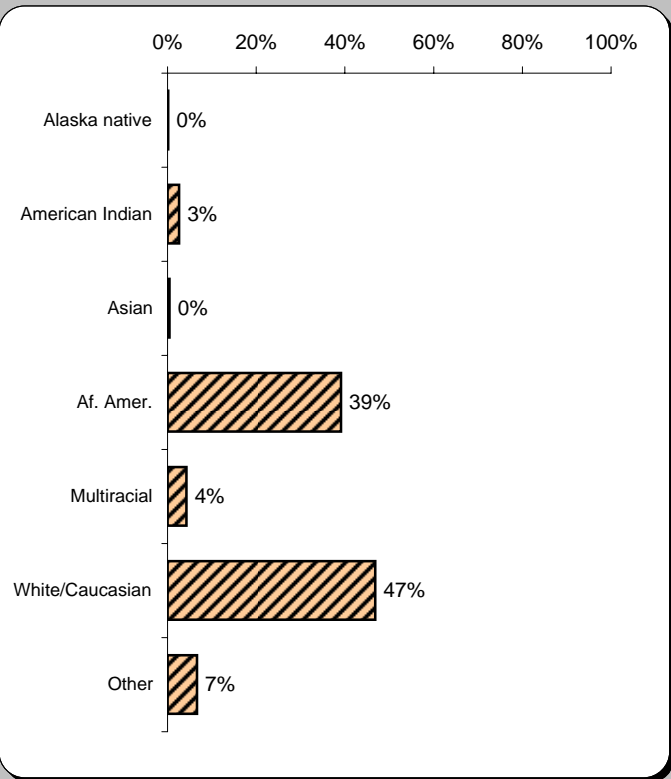
1-1: Gender



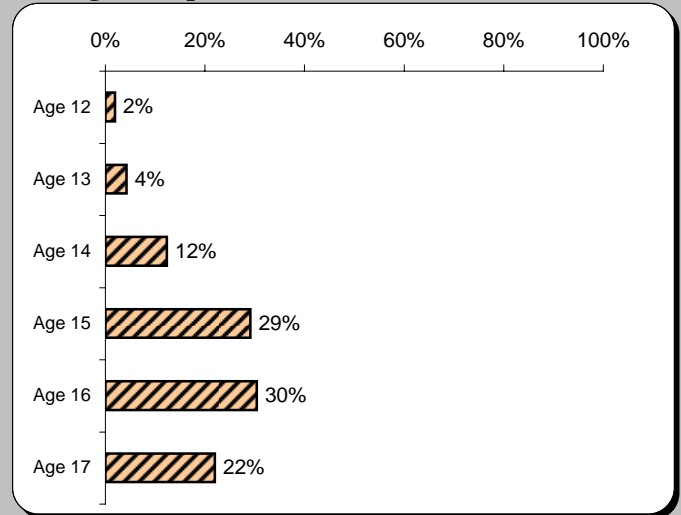
1-2: Hispanic Origin

Of the Statewide consumers, 9% indicate that they are of Hispanic, Latino, or Spanish origin.

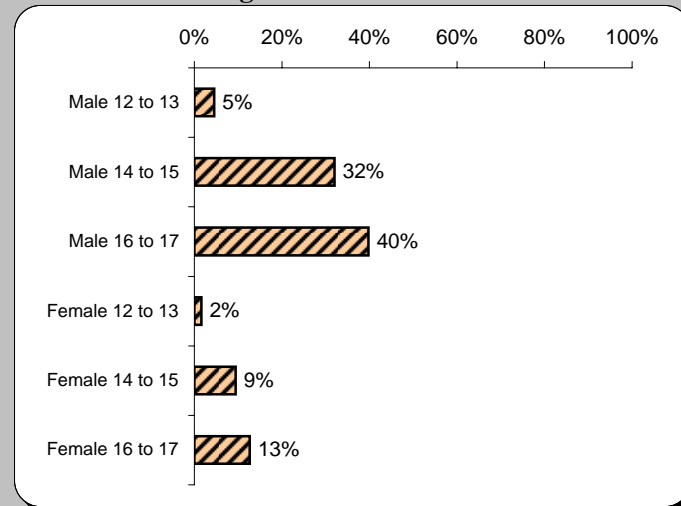
1-3: Race/Ethnicity



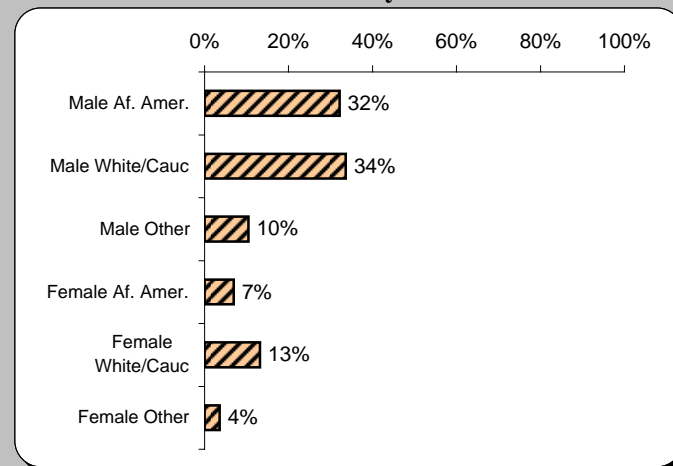
1-4: Age Group



1-5: Gender and Age



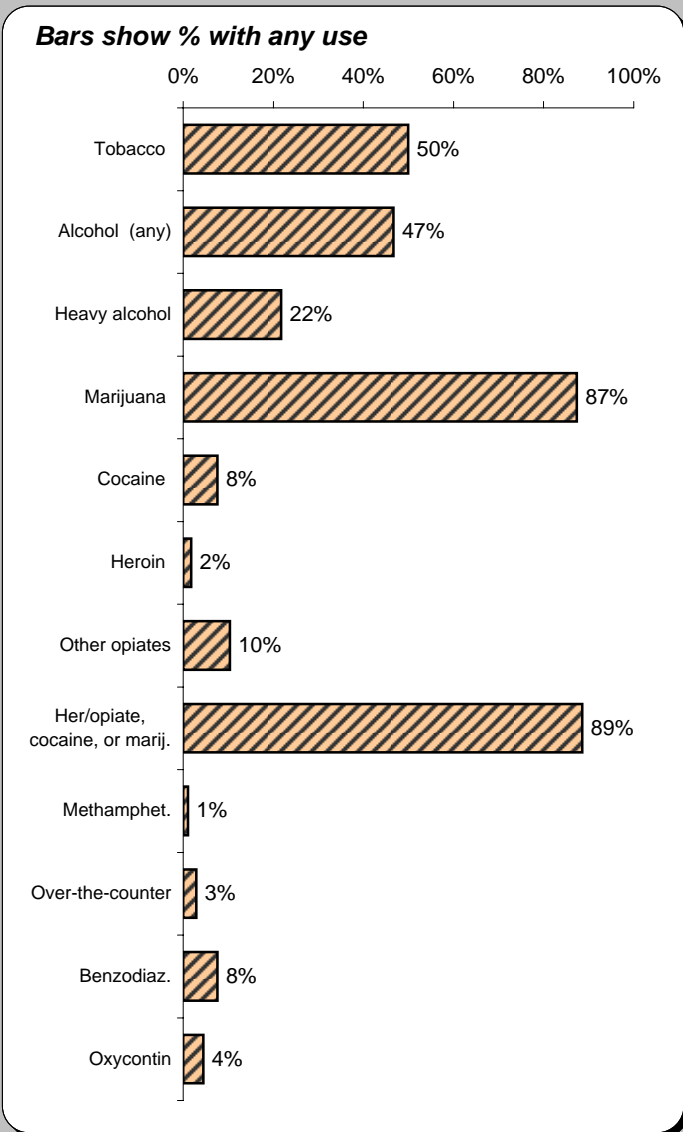
1-6: Gender and Race/Ethnicity



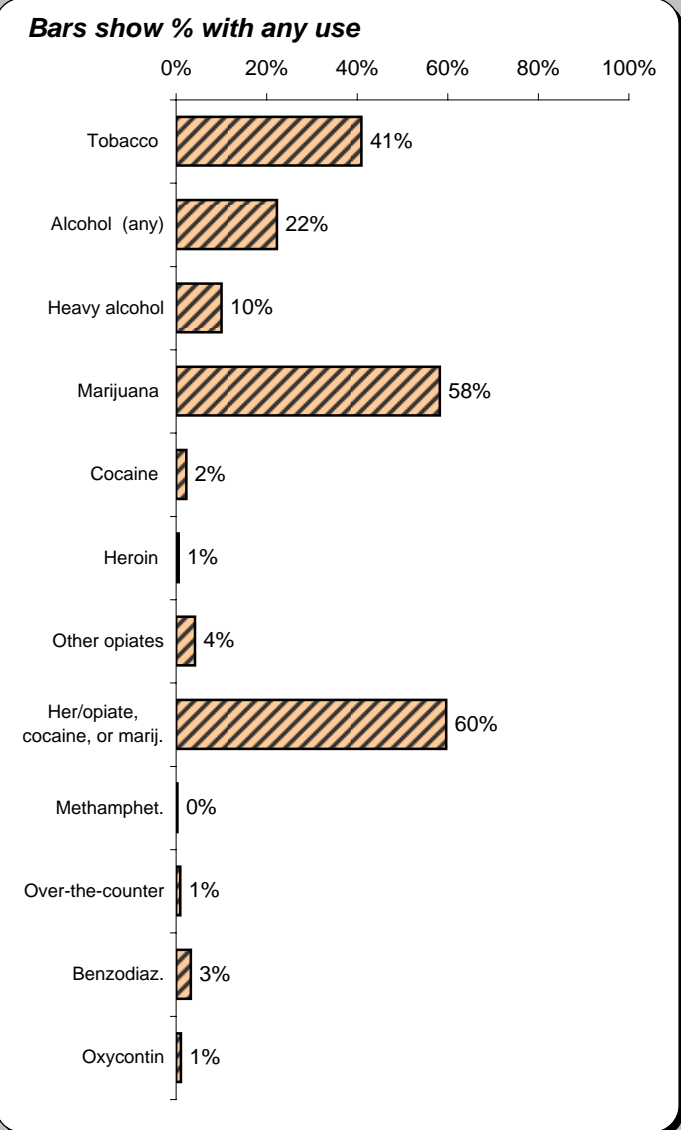
2-1: Consumers Admitted to Special SA Programs

	%
MAJORS	38%
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	2%

3-1: Co-Occurring Status

Services/Supports areas	%
Substance Abuse Only	47%
Substance Abuse and Mental Health	53%

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

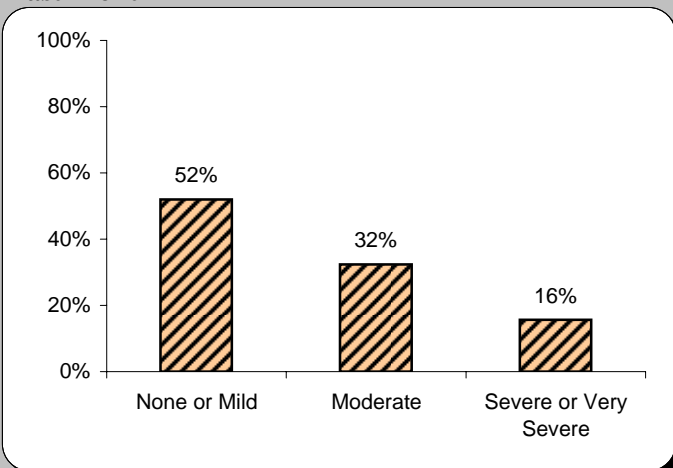
Type of Qualified Professional (QP)	Number
QP in Substance Abuse	33
QP in Mental Health	344
QP in both	552
Total Co-Occurring Consumers	929

3-3: DSM-IV Diagnoses

Diagnostic Category	%
Drug Dependence	30%
Alcohol Dependence	3%
Drug Abuse	58%
Alcohol Abuse	18%
Oppositional defiant disorder	28%
Conduct disorder	15%
Attention deficit disorder (ADD)	17%
Bipolar disorder	3%
Depression	12%
Disruptive behavior	6%

* Only most commonly diagnosed conditions shown.

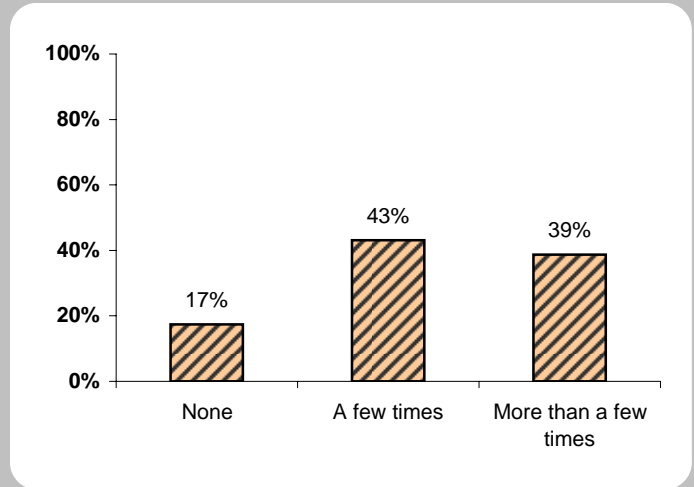
3-4: Severity of Mental Health Symptoms, Past Month



3-5: General Assessment of Functioning (GAF)

Among Statewide consumers, the average GAF score was 48.1 and the median score was 48.

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	8%
Hit/physically hurt another person, past 3 months	30%

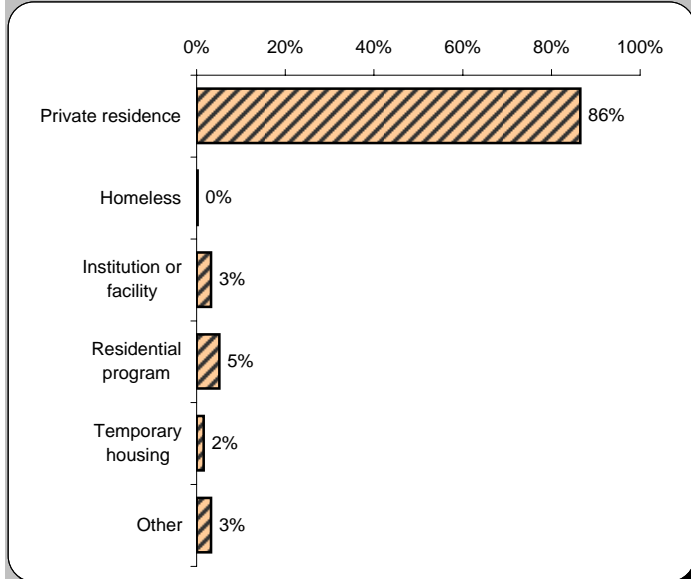
3-8: Experienced Violence

Physical violence, past 3 months	20%
----------------------------------	-----

3-9: Arrests, Jail, and Criminal Justice Status

Any Arrests, past month	16%
Current Criminal Justice System supervision	65%
Nights in jail or detention past 3 months	19%

4-1: Where Lived Past 3 Months



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

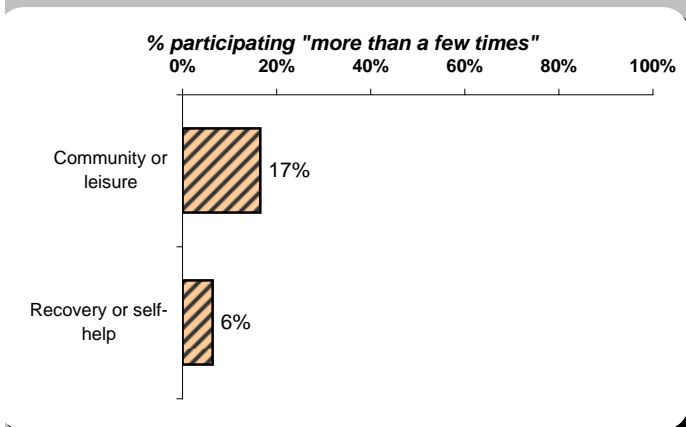
4-2: Homeless Nights, Past 3 Months

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

4-3: Times Moved Residences in the Past Year

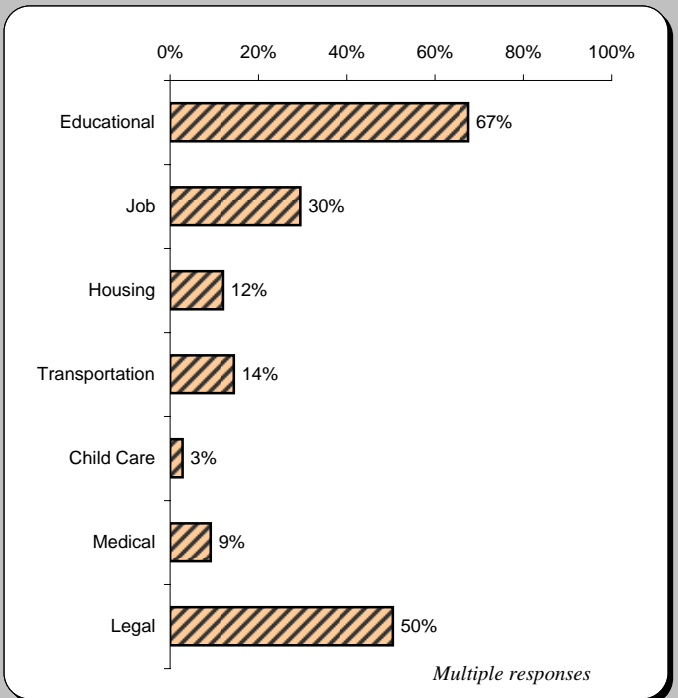
No moves	67%
Moved once	20%
Moved two or more times	13%

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

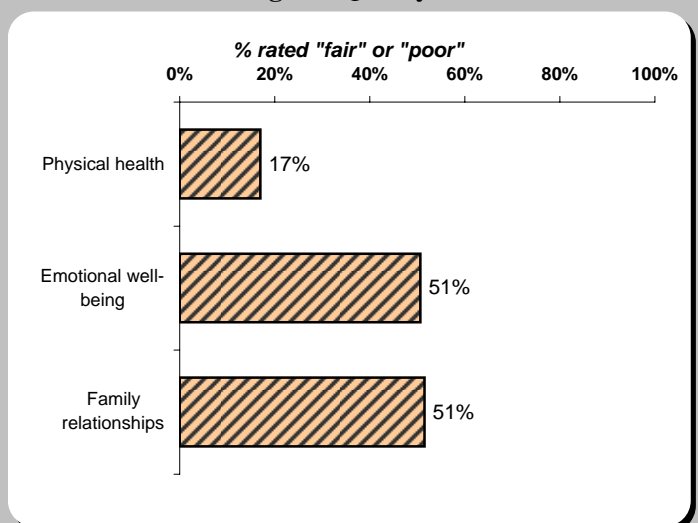


Number of Initial Interviews: Statewide = 1,769

4-5: Service Needs Rated "Very Important"



4-6: Consumer Ratings on Quality of Life



4-7: Support for Recovery

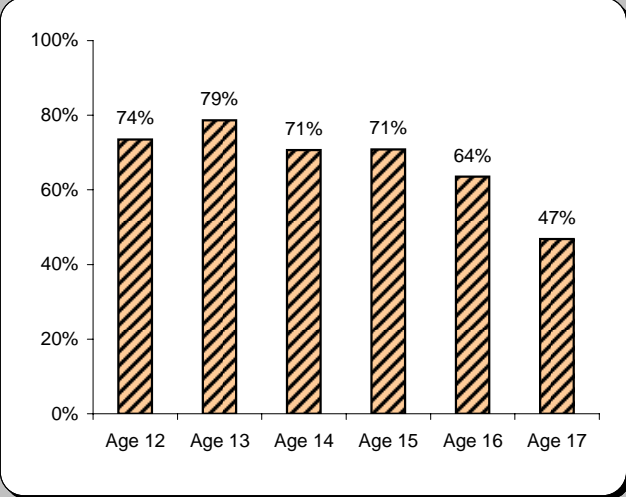
Among those consumers with family or friends, 96% indicate that their family and/or friends will be supportive of their treatment and recovery efforts.

5-1: Enrollment in Academic Programs

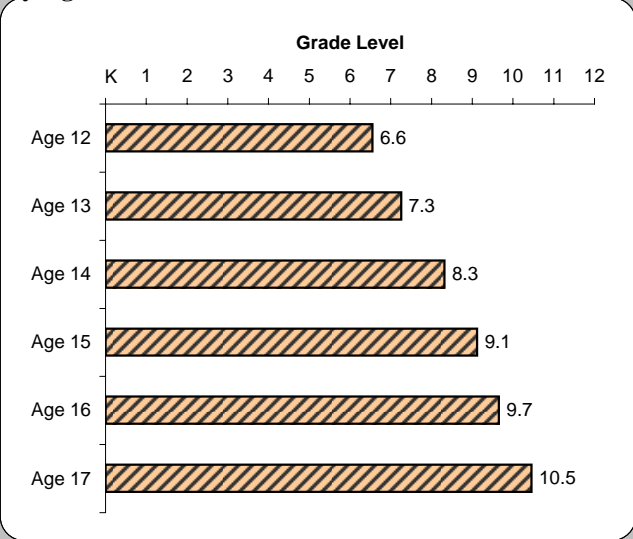
Enrolled in...	
Any Academic program	83%
Academic Schools (K-12)	64%
Alternative Learning Program (ALP)	16%
Technical or Vocational School	1%
GED or Adult Literacy	4%

Note: Multiple response.

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



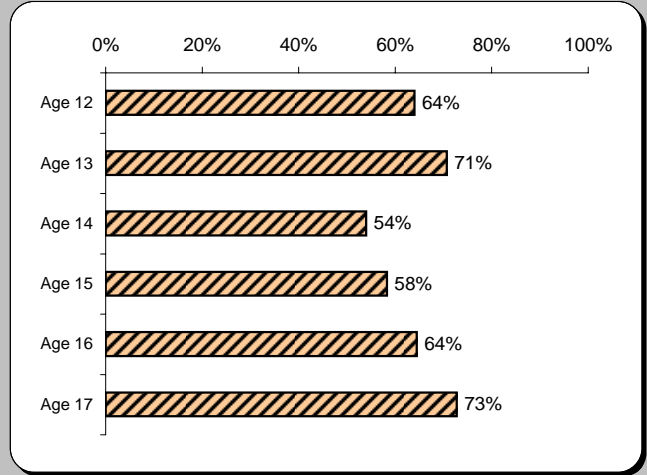
5-3: Average Grade Level of Students in K-12, by Age



Note: 0.0 indicates no cases.

Number of Initial Interviews: Statewide = 1,769

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

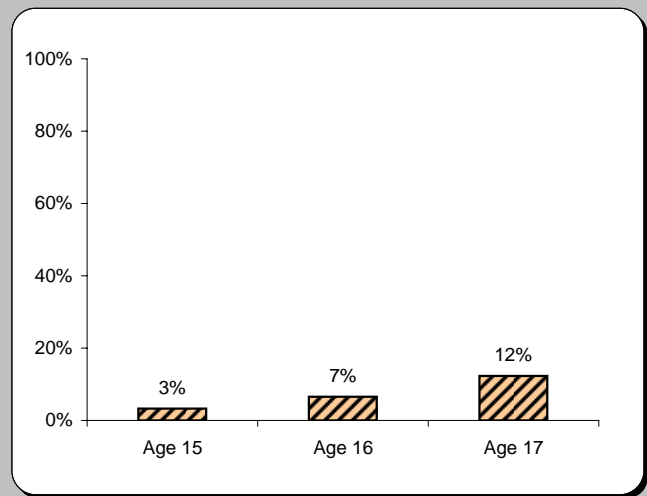


5-5: School Expulsion, and Truancy, Past 3 Months

Of those enrolled in K-12, percent who missed school due to	
Expulsion	8%
Out-of-school suspension	43%
Truancy	23%

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

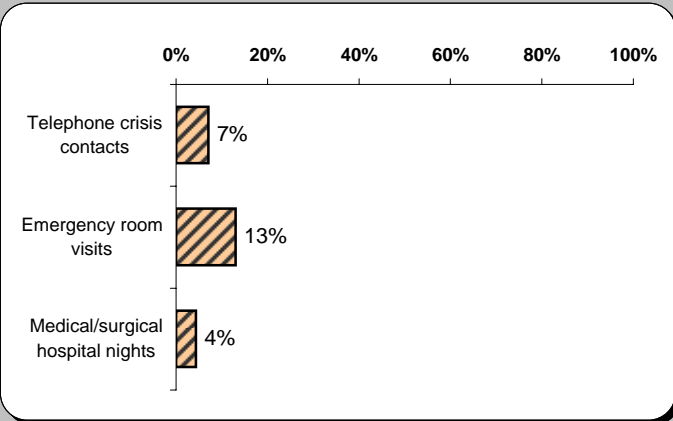
The following chart shows the percent of 15 to 17 year olds, by age, who are working full or part-time. While any work, full or part-time, is shown, nearly all work in this age group is part-time. The denominator for these percentages does not exclude those not in the labor force.



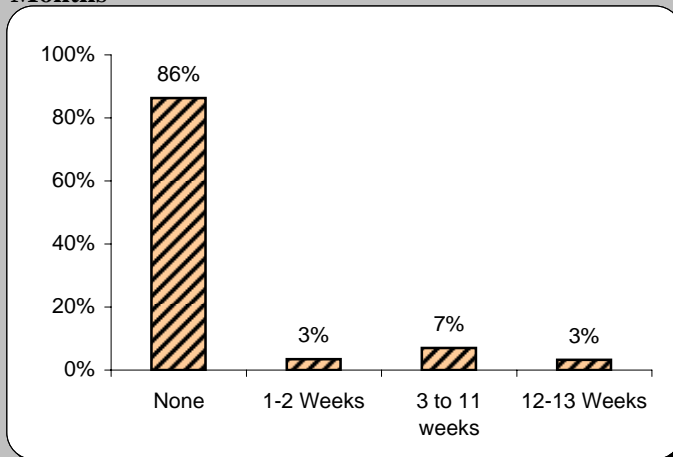
6-1: Routine Health Care

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 Months



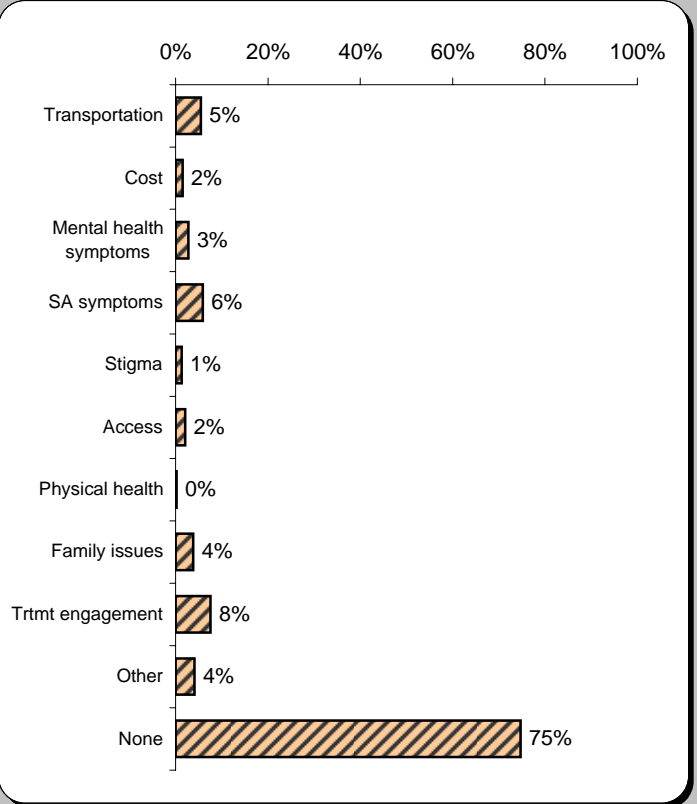
6-4: Provider Choice

Received list of options of places to get services	71%
Came here (to this provider) on my own	10%
Did not receive list or options for services	18%

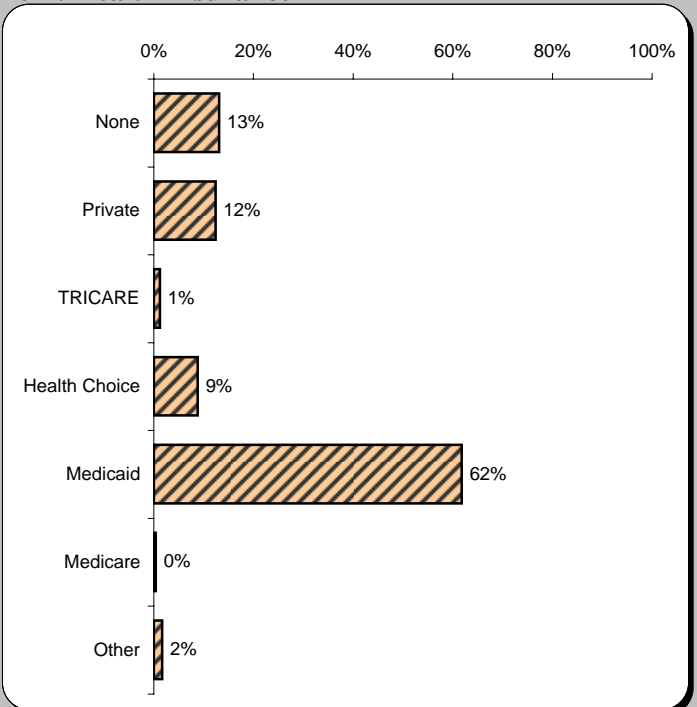
6-5: Timeliness of Services

The first service was in a time frame that met my needs	94%
---	-----

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 420.

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	62%
Have custody of some children	5%
Have custody of none of children	33%

7-3: Pregnancy

	Number
Currently pregnant	16
Uncertain about pregnancy status	8
In first trimester	9
In second trimester	5
In third trimester	2

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

7-4: Lifetime Suicide Attempts Among Females

18% of Statewide female consumers have attempted suicide at least once during their lifetime.

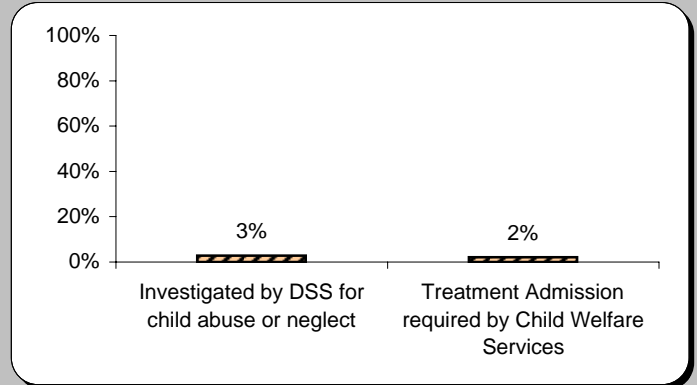
7-5: Behavior Problems and Symptoms Expressed, Past 3 Months Among Females

	%
Suicidal thoughts	22%
Tried to hurt or cause self pain	14%
Hit/physically hurt another person	32%

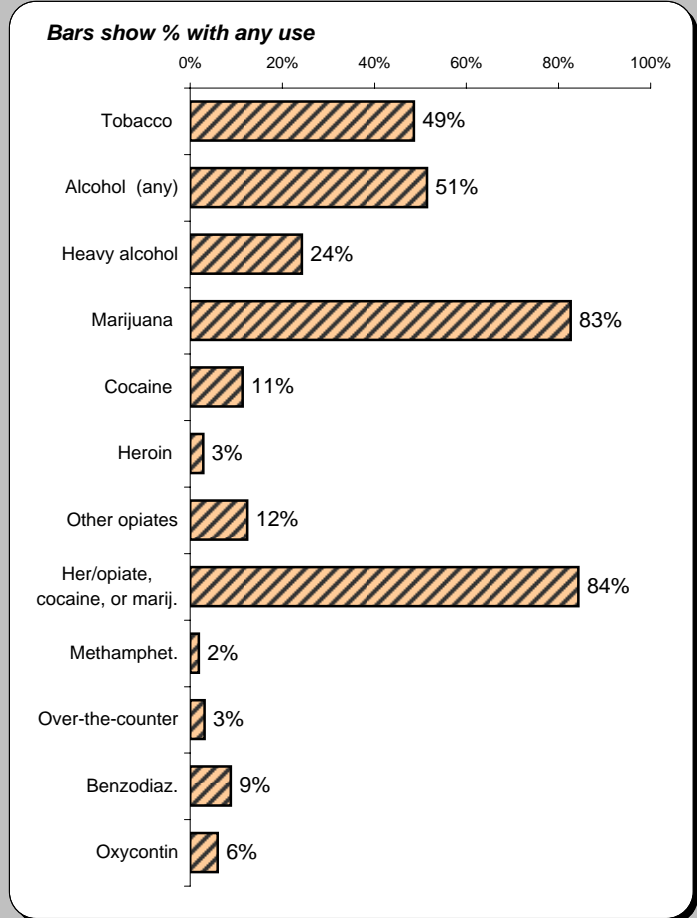
7-6: Females Experienced Violence

	%
Physical violence, past 3 months	24%

7-7: DSS Involvement Among Females



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





Appendix Adolescent Substance Abuse Acronyms and Abbreviations

Acronym or Term	Definition
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