

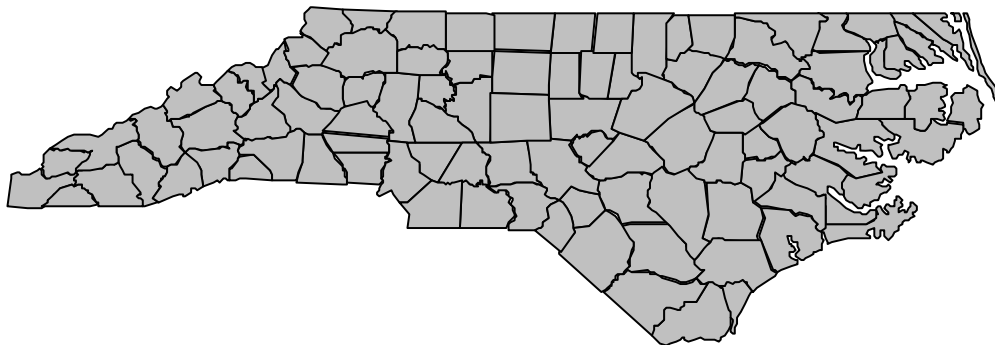
North Carolina Department of Health and Human Services  
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

**NC-TOPPS**

North Carolina Treatment Outcomes and Program Performance System

**Adolescent Mental Health Consumers (Ages 12-17)  
Statewide**

**Initial Assessments  
July 1, 2005 through June 30, 2006**



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NC State University  
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Report Produced By: Institute for Community-Based Research  
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Prepared For: Quality Management Team  
Community Policy Management Section  
DMH/DD/SAS  
NC DHHS

July 2006



## Introduction to Fiscal Year 2005-2006 Report

This annual feedback report provides Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services data gathered for adolescent 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 Assessment. Seven pages of charts, tables and text information are presented on mental health consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer at the beginning of their treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Assessment is displayed in this report.

Future reports (currently being designed) will compare Initial Assessment information with matched data from at the 3-month, 6-month, 12-month Update and/or Discharge assessments to show changes in behaviors over time.

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.

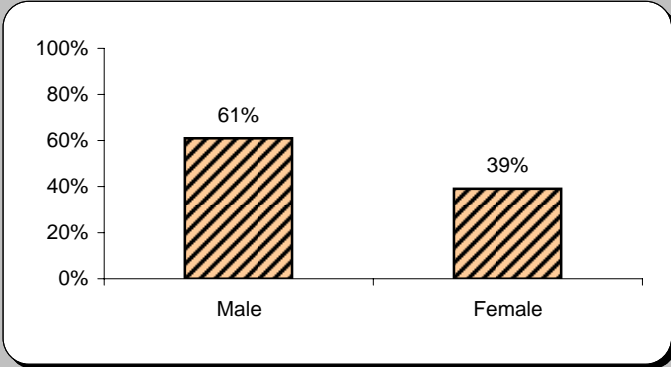
Additional information about NC-TOPPS including copies of paper forms that have the questionnaire items on the web versions of the questionnaires are located at:

<http://nctopps.ncdmh.net>

## General Information on Interpreting Tables

- Types of Statistics**
- ▶ A count shows the actual number (often designated by the letter "n") of clients.
  - ▶ 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 numbers divided by the number of numbers 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).
- Denominators**
- The denominator for nearly all percentages is the number of cases shown at the bottom on the page minus item missing data. All exceptions to this general rule are 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 enrolled in K-12." In sections with "by groups" such as by age, the denominator is the age group noted.
- 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 target population. This is in contrast to items such as gender where only a single response is allowed.
- Definition of terms**
- The Appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report.
- Special notes:** none

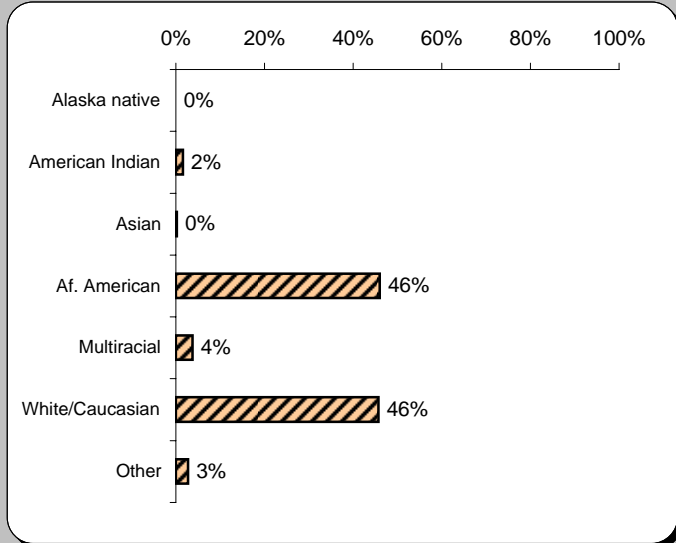
**1-1: Gender**



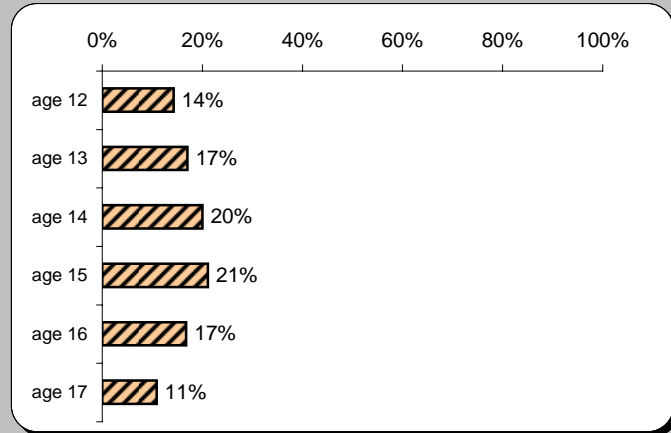
**1-2: Hispanic Origin**

Of the Statewide consumers, 4% indicate that they are of Hispanic, Latino, or Spanish origin.

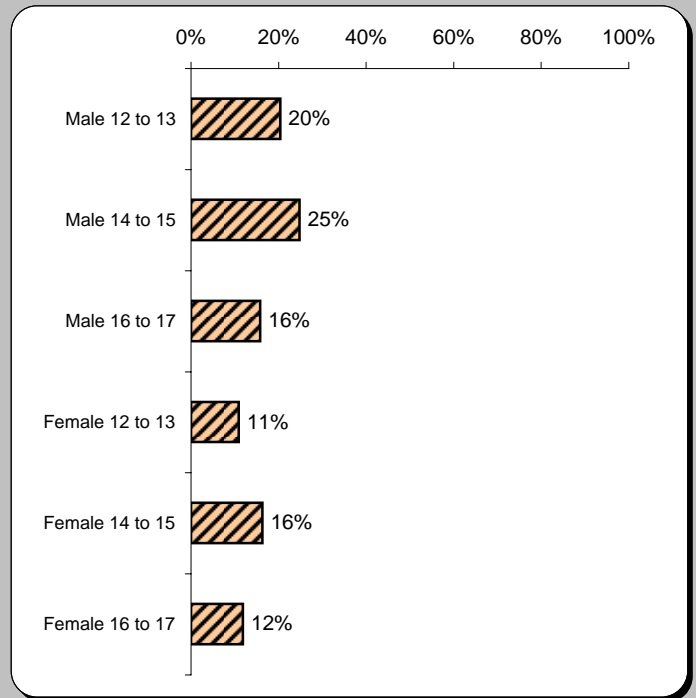
**1-3: Race/Ethnicity**



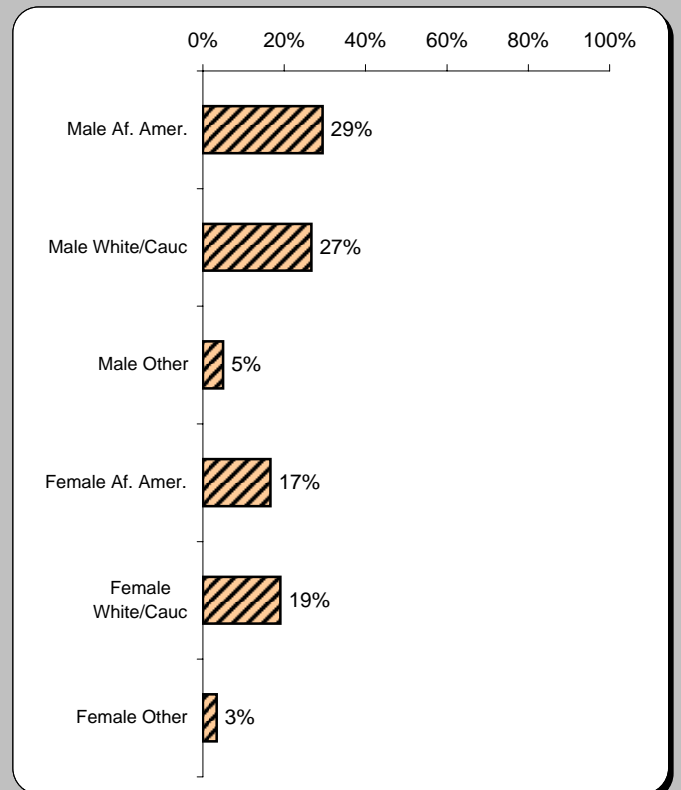
**1-5: Age**



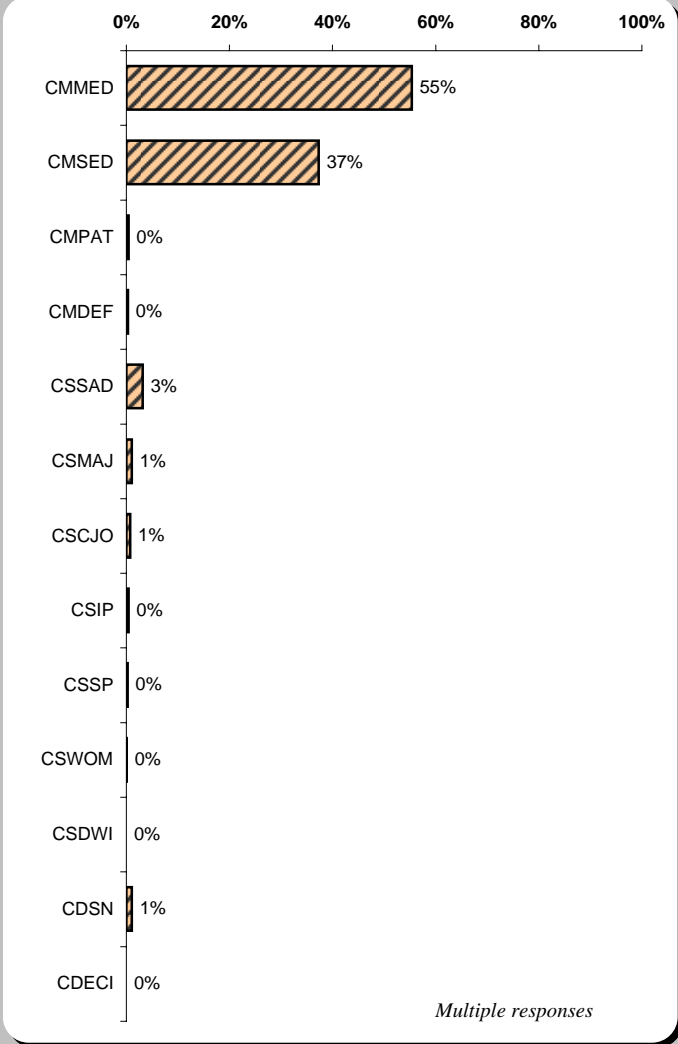
**1-6: Gender and Age**



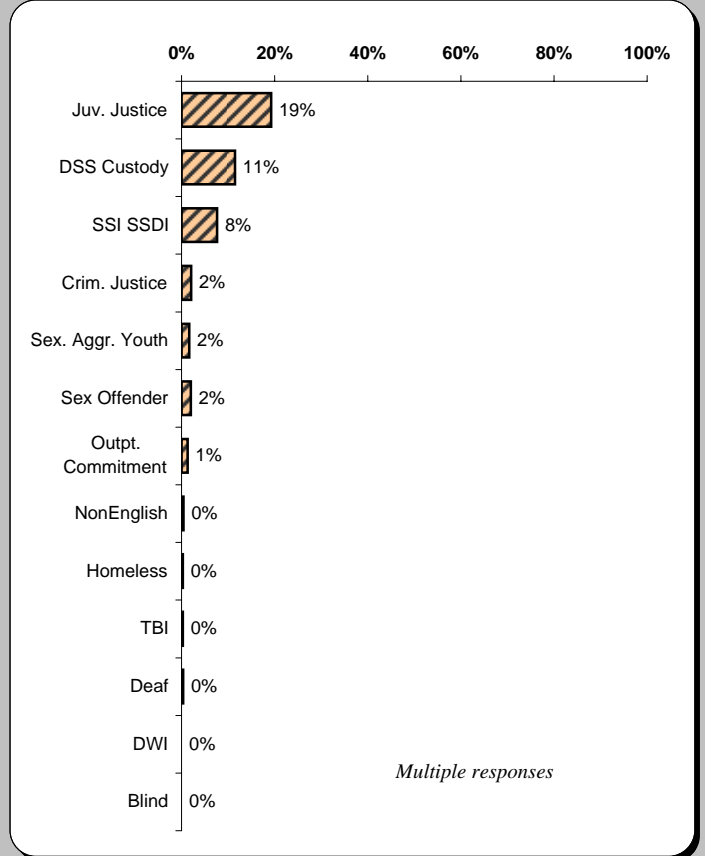
**1-7: Gender and Race/Ethnicity**



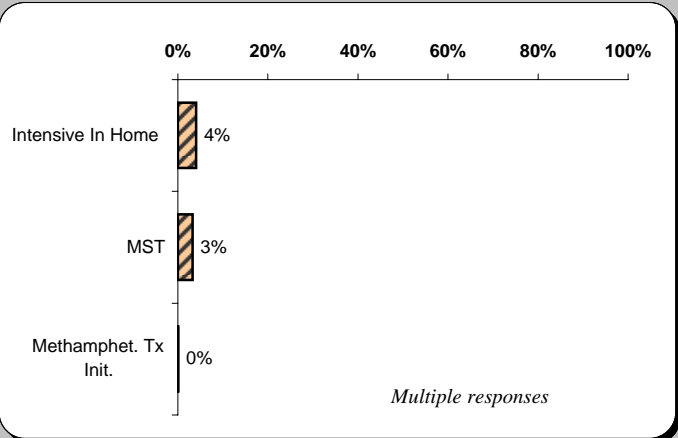
### 2-1: IPRS Target Populations



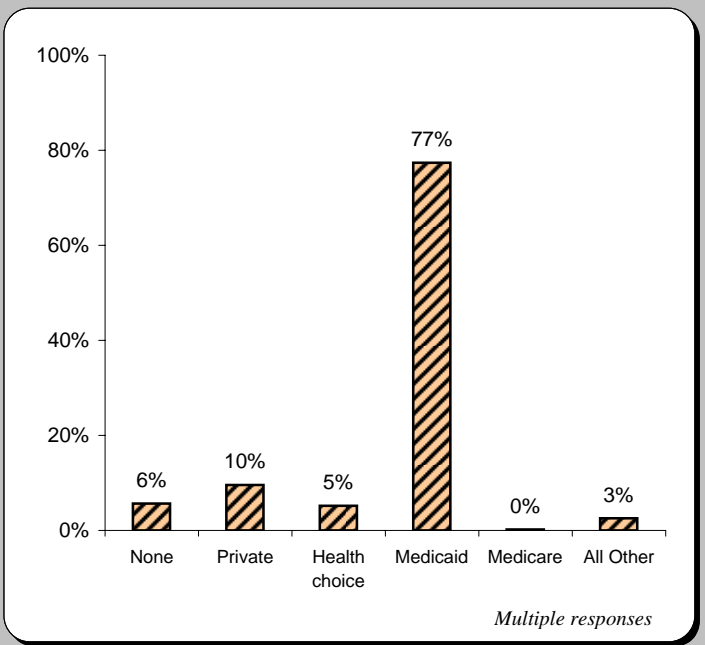
### 2-2: Special Populations



### 2-3: Special Programs



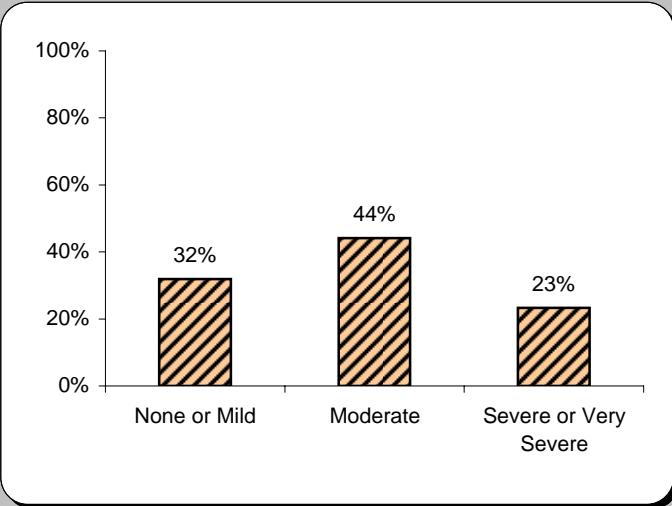
### 2-4: Health Insurance



**Note:** Refer to appendix for acronym definitions for all charts on this page.

Number of Initial Assessments: Statewide = 13,119

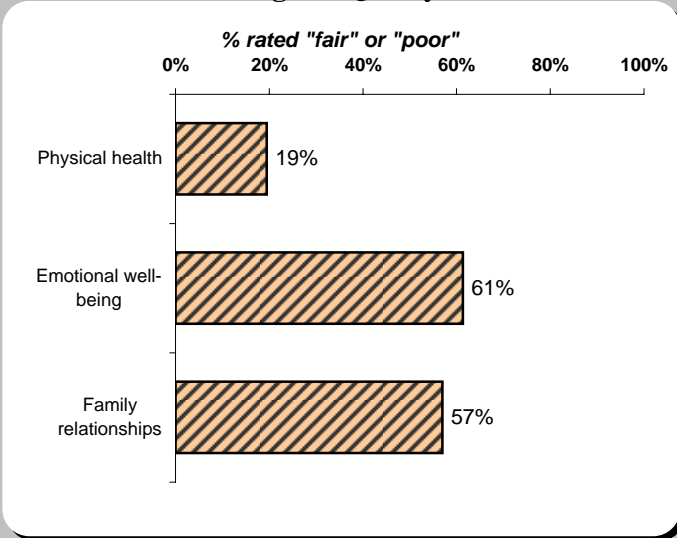
### 3-1: Severity of Mental Health Symptoms, Past Month



### 3-2: General Assessment of Functioning (GAF)

GAF scores were reported for 86% of Statewide consumers. The average score was 49 and the median score was 50.

### 3-3: Consumer Ratings on Quality of Life



### 3-4: History of Abuse

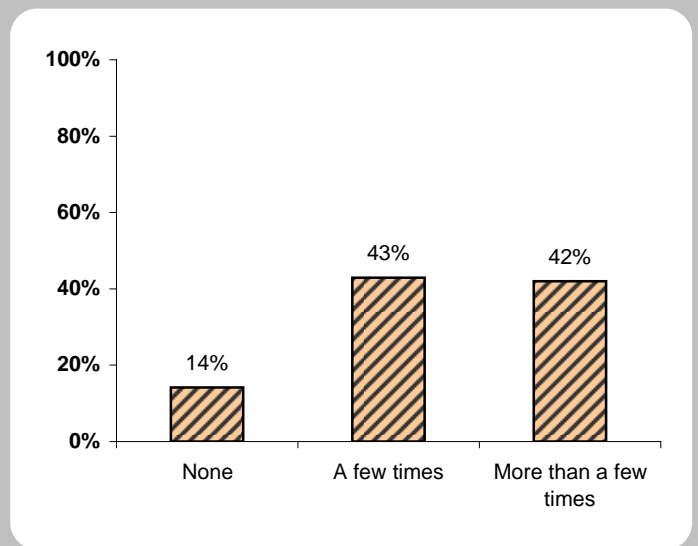
Abuse Type	Percentage
Physically Abused, past 3 months	25%
Sexually Abused, ever	13%
Sexually Abused, past 3 months	1%

### 3-5: DSM-IV Diagnoses

Diagnostic Category	%
Attention deficit disorder	37%
Oppositional defiant disorder	35%
Major Depression	14%
Conduct disorder	13%
Disruptive behavior	8%
Bipolar disorder	8%
PTSD	7%
Anxiety disorder	5%
Drug Abuse	7%

\* Only most commonly diagnosed conditions shown.

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



### 3-7: Lifetime Suicide Attempts

14% of Statewide consumers have attempted suicide at least once during their lifetime.

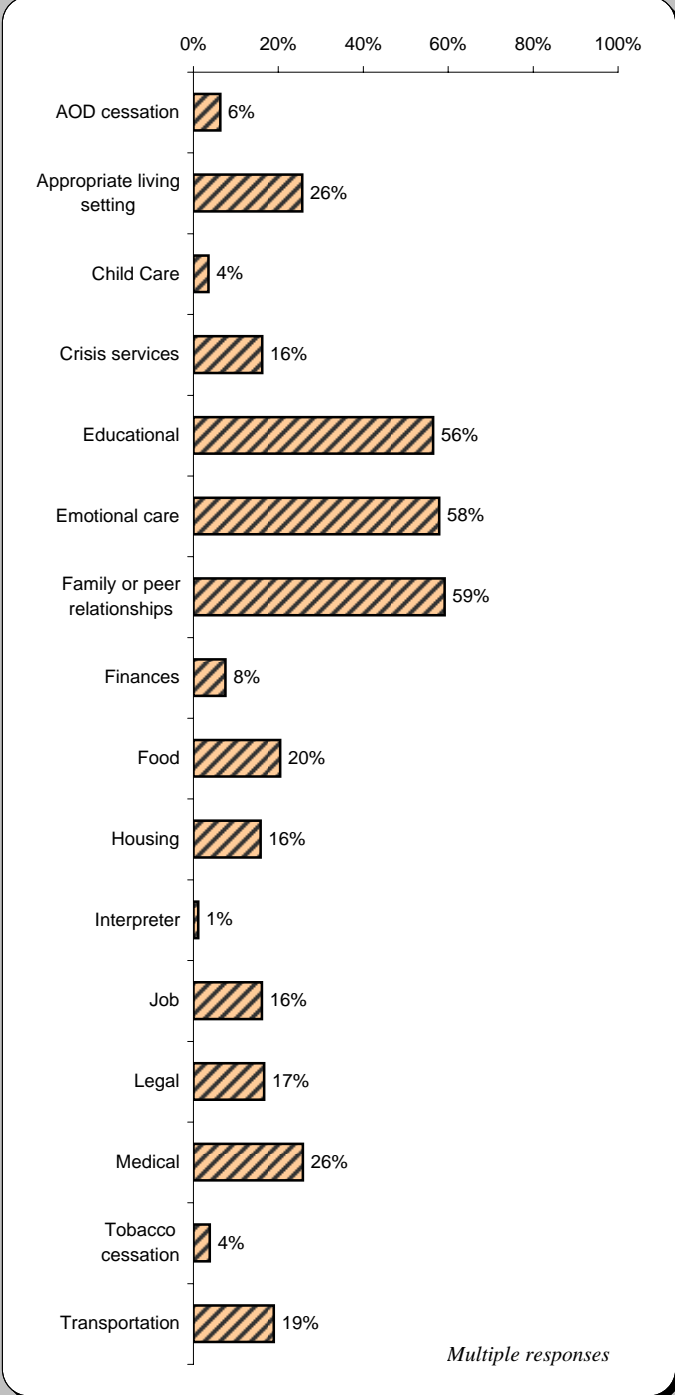
### 3-8: Behavior Problems and Symptoms Expressed, Past 3 Months

Behavior Problem/Symptom	%
Suicidal thoughts	22%
Tried to hurt or cause self pain	14%
Risky sexual activity	5%
Hit/physically hurt another person	39%
Carried handgun or weapon	13%

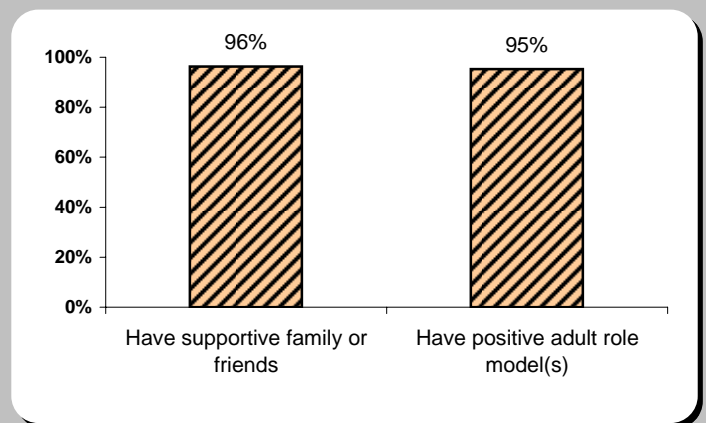
### 4-1: Public or Private Health Care Provider

Among Statewide consumers, 83% report that they have a health care provider and 74% have seen their provider within the past year.

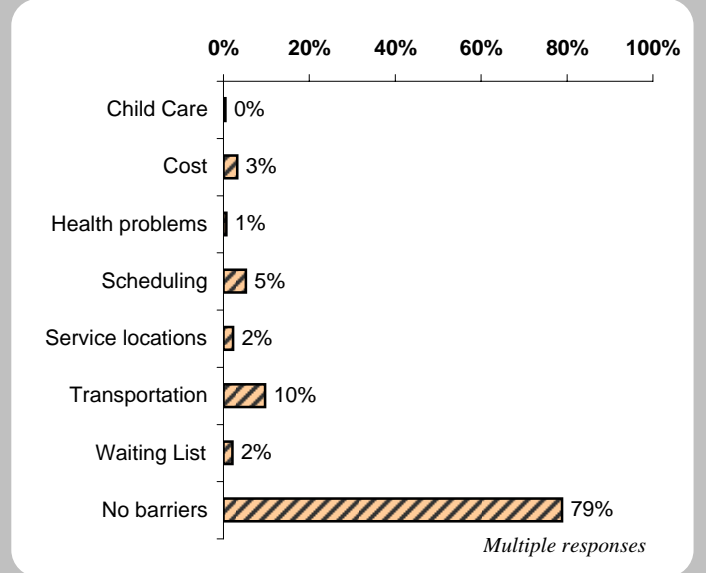
### 4-2: Service Needs Rated "Very Important"



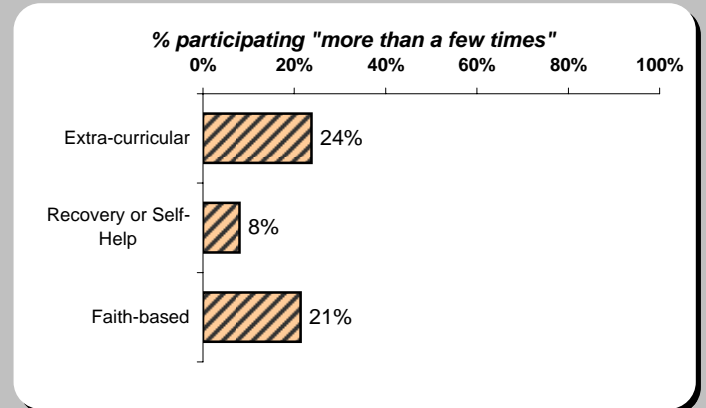
### 4-3: Support for Recovery



### 4-4: Barriers to Treatment



### 4-5: Consumer Participation in Positive Activities, Past 3 Months

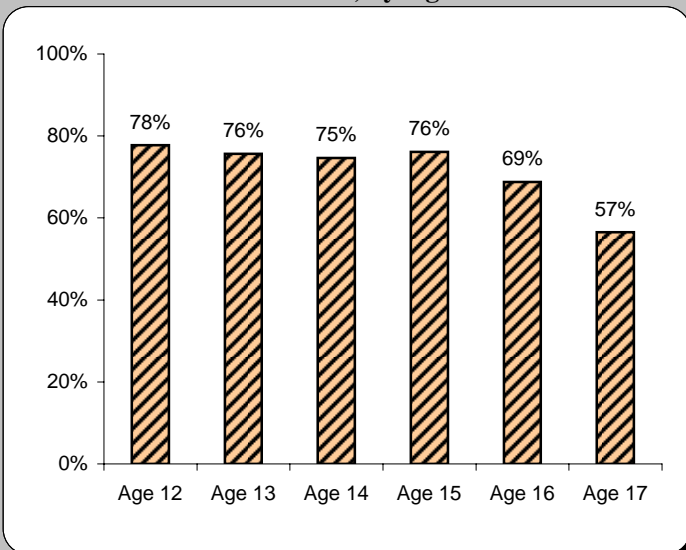


### 5-1: Enrollment in Academic Programs

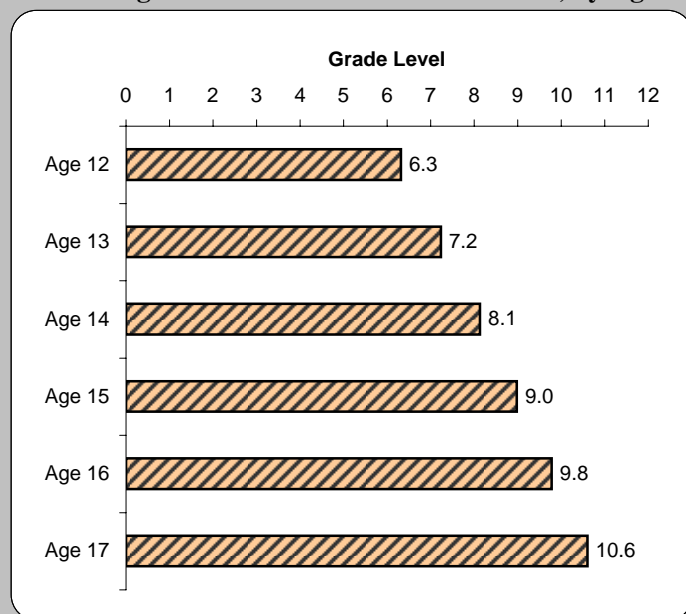
Enrolled in...	
Any Academic program	83%
Academic Schools (K-12)	73%
Alternative Learning Program (ALP)	10%
Technical or Vocational School	0%
GED or Adult Literacy	1%

Note: Multiple response.

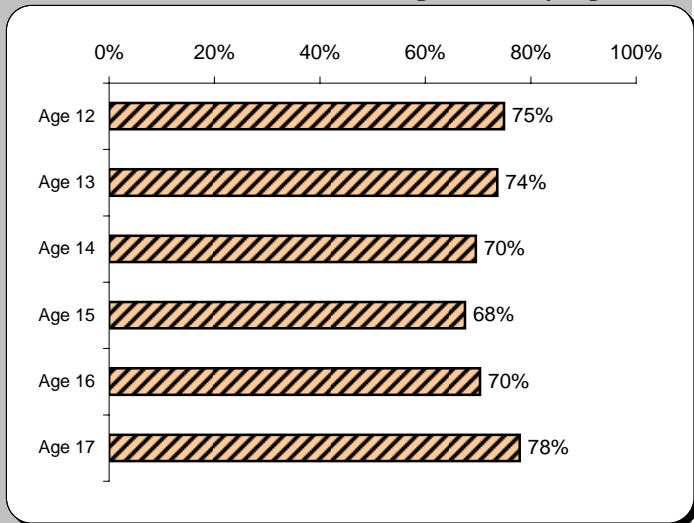
### 5-2: K-12 School Attendance, by Age



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



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

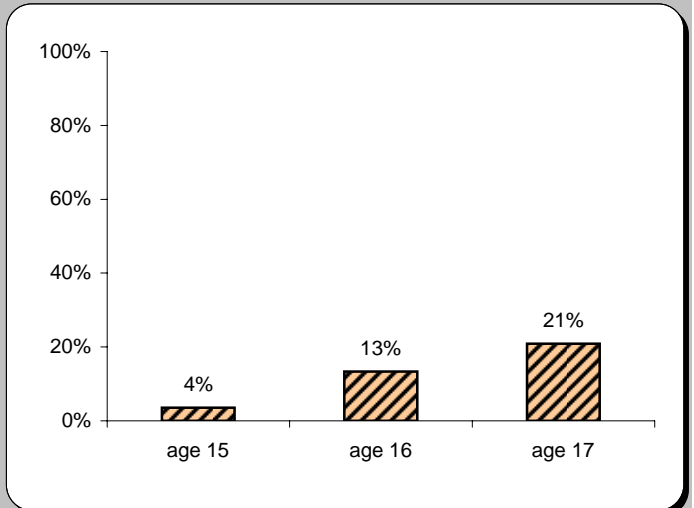


### 5-5: School Suspension, Expulsion, and Truancy, Past 3 Months

Of those enrolled in K-12, percent who missed school due to	
Expulsion	3%
Out-of-school suspension	31%
Truancy	13%

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

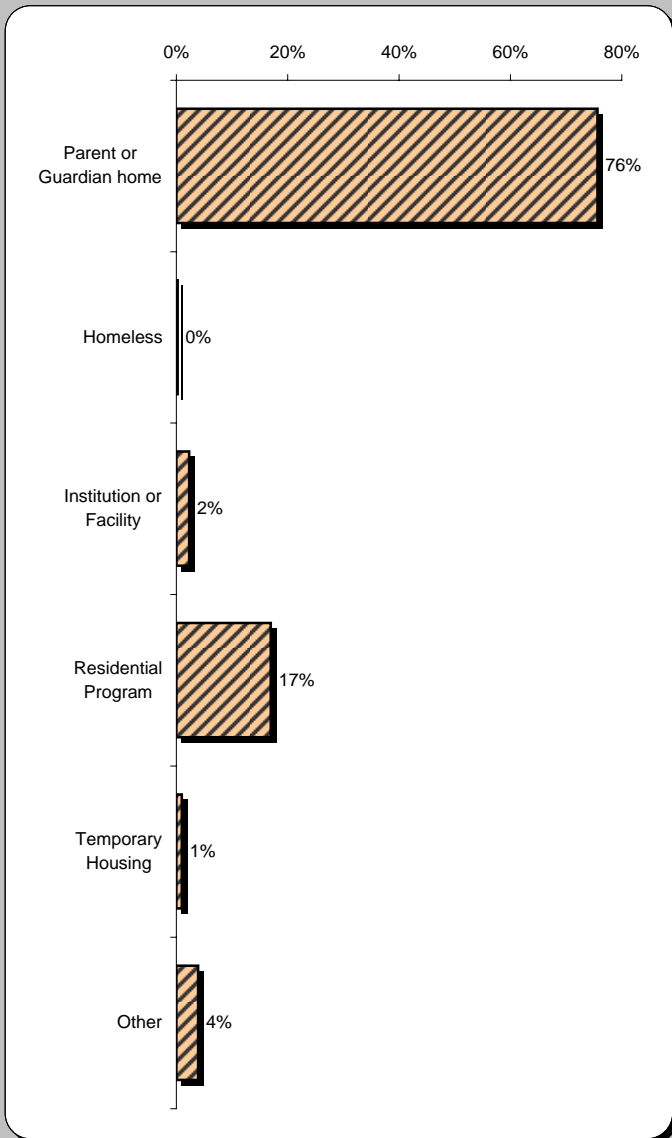
The following chart shows the percent of 15 to 17 year olds, by age, who are working full or part-time. While any work, full or part-time, is shown, nearly all work in this age group is part-time. The denominator for these percentages does not exclude those not in the labor force.



**6-2: Primary Caregiver**

Parent(s)	65%
Grandparent(s)	10%
Sibling(s)	0%
Foster parent(s)	7%
Spouse/partner	0%
Other relative	4%
Other	14%

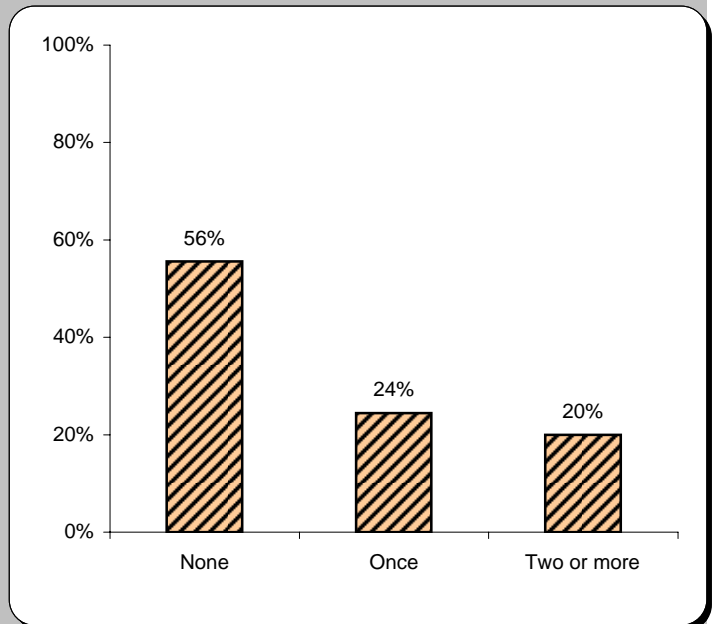
**6-3: Where Lived**



**6-4: Numbers living in special circumstances**

Homeless sheltered	13
Homeless unsheltered	16
Foster home	178
Therapeutic foster home	557
Level III Group Home	1285
Level IV Group Home	93
State residential treatment facility	73
SA residential treatment facility	14
Halfway house	2

**6-5: Times Moved Residences in the Past Year**



**6-6: Have children**

Of the Statewide consumers 2% have children of their own.

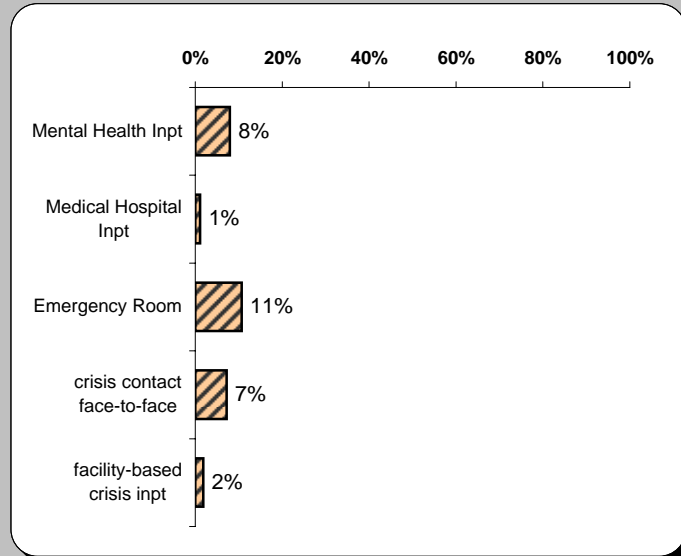
**6-7: Pregnancy and Prenatal Care**

	Number
Currently pregnant	75
Referred to prenatal care*	72
Receiving prenatal care*	68

\* of those who are pregnant.

**7-1: Lifetime Admission for Inpatient Mental Health**  
 23% of Statewide consumers have had inpatient mental health admissions.

**7-2: Health Care: Types of Service Utilized in Past 3 Months**



**7-3 Arrest History**

Any Arrests	
Ever	21%
Past 6 Months	13%
Misdemeanor Arrests	
Ever	17%
Past 6 Months	10%
Felony Arrests	
Ever	7%
Past 6 Months	3%

Note: A person may have arrests for both misdemeanors and felonies.

**7-4: Trouble with the law in the Past 6 Months**

26% of Statewide consumers reported that they had been in trouble with the law in the past 6 months.

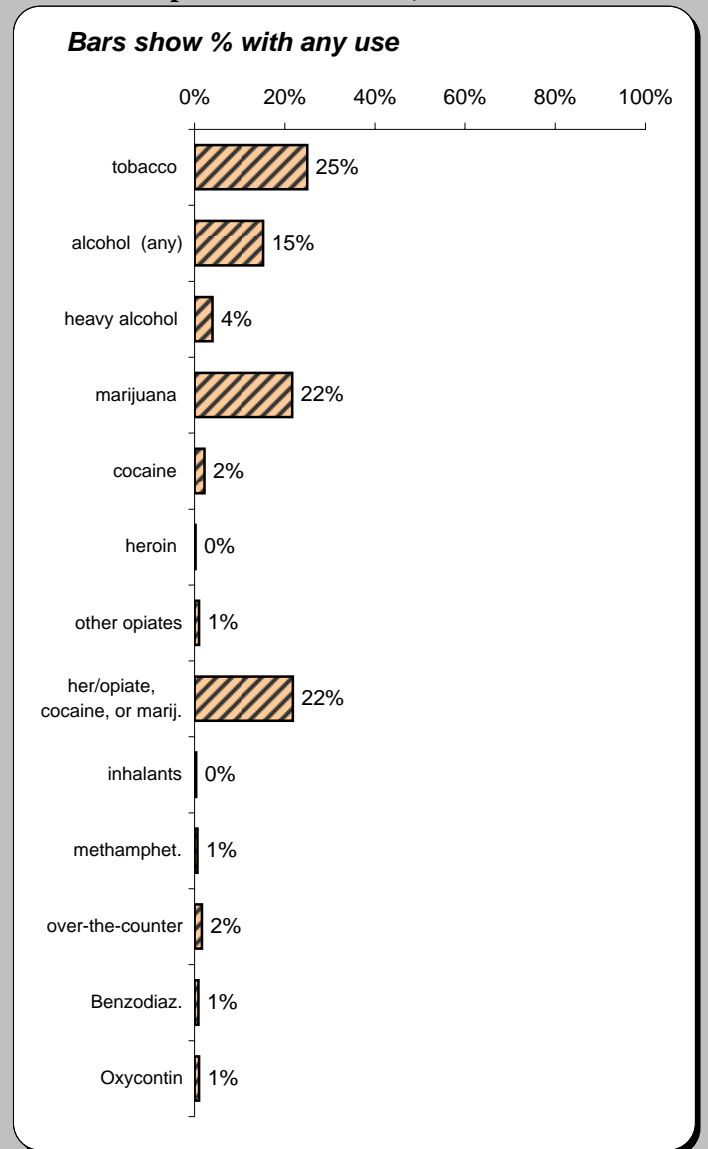
**7-5: Justice System Involvement**

Adult correctional supervision	2%
Juvenile correctional supervision	20%
Admission required by JJ/CJ/court	17%

**7-6: Lifetime Use of Substances**

Ever used tobacco or alcohol	32%
Ever used other illicit drugs	22%

**7-7: Self-Report Substance Use, Past 12 Months**



**7-8: Cigarette Smoking**

Overall, 17% of Statewide consumers report that they smoked cigarettes in the past month and 2% smoked a pack a day or more.



**Appendix**  
**Adolescent (Age 12-17) Mental Health**  
**Acronyms and Abbreviations**

<b>Acronym or Term</b>	<b>Definition</b>
ACT	Assertive Community Treatment
Af American	African American
AOD	Alcohol or other drugs
CDECI	Target population: Early childhood intervention
CDSN	Target population: Child with Developmental Disability
CMDEF	Target population: Child MH consumer who is deaf or hard of hearing
CSDWI	Target population: Child SA consumer who is receiving DWI Offender Treatment
CMMED	Target population: Child who is Seriously Emotionally Disturbed
CMPAT	Target population: Child MH consumer who is homeless (PATH program)
CMSED	Target population: Child who is Seriously Emotionally Disturbed with out of home placement
CSCJO	Target population: Child SA consumer who is a Criminal Justice Offender
CSIP	Target population: Child receiving indicated SA prevention services
CSMAJ	Target population: Child SA consumer in the MAJORS SA/JJ Program
CSSAD	Target population: Child with Substance Abuse Disorder
CSSP	Target population: Child receiving selected SA prevention services
CSWOM	Target population: Child SA consumer who is pregnant or has dependent children
Benzodiaz.	Benzodiazepine(s)
Buprenorph.	Buprenorphine
Cauc.	Caucasian
Crim. Justice	Criminal Justice
CJ	Criminal Justice
CST	Community support team
Detox	detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
Inpt	Inpatient
JJ	Juvenile justice
Juv. Justice	Juvenile justice
Marij.	Marijuana
Med. Mgmt.	psychiatric medication management
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Initiat.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse
SSI/SSDI	Supplemental Security Income or Social Security Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury

Note: Refer to web page for more complete definitions of target populations:

<http://www.dhhs.state.nc.us/mhddsas/>